

File 347:JAPIO Oct 1976-2003/Sep(Updated 040105)

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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200404

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Set	Items	Description
S1	348188	COMPUTERS OR PCS OR NODES OR TERMINALS OR WORKSTATIONS OR - WORK()STATIONS OR CLIENTS OR SERVERS
S2	43064	(MULTIPL? OR PLURAL? OR SEVERAL OR MANY OR VARIOUS OR NUME- ROUS OR VARIET? OR RANGE? ? OR ASSORTMENT OR ASSORTED OR SERI- ES OR GROUP????? OR CLUSTER????? OR COLLECTION? ? OR FAMILY OR FAMILIES OR DIFFERENT OR FARM) (5W)S1
S3	41	SERVER()FARM OR WEBFARM? ? OR WEB()FARM? ?
S4	41899	POLICY OR POLICIES OR RULE OR RULES OR GUIDELINE? ?
S5	144785	EVENT? ? OR ALERT??? OR NOTICE? ? OR NOTIFIE? ? OR NOTIFY?- ?? OR NOTIFICATION? ?
S6	19140	(EVENT? ? OR OCCURR? OR HAPPEN?) (5N) (NOTIF? OR NOTICE? ? OR ALERT??? OR INFORM??? OR WARN??? OR TELL??? OR SIGNAL??? OR - INDICAT? OR ANNOUNC??? OR (LET? ? OR LETTING) (3W)KNOW)
S7	326	S2:S3 AND S4
S8	265	S7 AND S5:S6
S9	81	S2:S3 AND (POLICY OR POLICIES)
S10	705	S9 NOT S8

8/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
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01936492 **Image available**
EXCHANGE SERVICE SPECIFICATION CHECKING PROCESSING SYSTEM

PUB. NO.: 61-150592 [JP 61150592 A]
PUBLISHED: July 09, 1986 (19860709)
INVENTOR(s): KIN BUKAN
WAKAMOTO MASAOKI
MIYAZAKI SEIJI
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 59-275406 [JP 84275406]
FILED: December 25, 1984 (19841225)
INTL CLASS: [4] H04Q-003/545; H04M-003/00
JAPIO CLASS: 44.4 (COMMUNICATION -- Telephone)
JOURNAL: Section: E, Section No. 458, Vol. 10, No. 352, Pg. 67,
November 27, 1986 (19861127)

ABSTRACT

PURPOSE: To decrease the number of **rules** for checking by using a **rule** for checking in the general-use and diverting the same **rule** between different types of **terminals**.

CONSTITUTION: The meaning extracting part 6 of a specification checking part 5 retrieves a meaning network memory part 3 by a shown processing 22 and extracts all higher level concepts of the condition expressed by a condition descriptor 20. In the same manner, the higher level concept concerning an even descriptor 21 is also extracted from a meaning network memory part 3. Next, by the processing by a **rule** retrieving part 7, a **rule** memory part 4 for checking is retrieved, and the **rule** is searched for the **noticed** condition, namely, including any element of 'off-hook', 'signal phase', 'figure input possible', and 'TONE(DT)'. By the decision, when it is confirmed that the retrieval of the **rule** is wholly completed, the relation of the condition descriptor 20 with the even descriptor 21 is handled as it is right, for example, by an as-shown call a processing program generating part 11, converted to a program language.

8/5/6 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014836578 **Image available**
WPI Acc No: 2002-657284/200270
Related WPI Acc No: 2002-372175; 2002-405085; 2002-416538; 2002-707629
XRPK Acc No: N02-519736

Remote monitoring method for locally detected event utilizing an integrated information system has central server which is capable of processing data from multiple premises servers.

Patent Assignee: VIGILOS INC (VIGI-N); ALEXANDER B (ALEX-I); ANDERSEN C (ANDE-I); BAHNEMAN L (BAHN-I); BARKER G T (BARK-I); HICKS J (HICK-I); TALLEY P (TALL-I)

Inventor: ALEXANDER B; ANDERSEN C; BAHNEMAN L; BARKER G T; HICKS J; TALLEY P; ANDERSON C; SWENSON M

Number of Countries: 096 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200227518	A1	20020404	WO 2001US42360	A	20010928	200270 B
US 20020143934	A1	20021003	US 2000236282	P	20000928	200272
			US 2001825506	A	20010403	
US 20020143938	A1	20021003	US 2001281258	P	20010403	200272
			US 2001825506	A	20010403	
			US 2002116351	A	20020403	
AU 200196926	A	20020408	AU 200196926	A	20010928	200310

Priority Applications (No Type Date): US 2001825506 A 20010403; US
2000236282 P 20000928; US 2001281258 P 20010403; US 2002116351 A 20020403

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200227518 A1 E 61 G06F-015/16

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

US 20020143934 A1 G06F-015/173 Provisional application US 2000236282

US 20020143938 A1 G06F-015/16 Provisional application US 2001281258

CIP of application US 2001825506

AU 200196926 A G06F-015/16 Based on patent WO 200227518

Abstract (Basic): WO 200227518 A1

NOVELTY - A premises server (32) is in communication with a variety of information sources that produce monitoring system data for a premises. The premises server collects, presents and transmit the motion detection data to a central server (56) over the internet (20). Where the central server is capable of processing data from **multiple premises servers**.

DETAILED DESCRIPTION - The central server receives the data and traverses one or more logical **rule** sets to determine whether a motion has been detected. Based on the detection of motion, the central server generates output in the form of communication to one or more authorized users via a variety of communication mediums and devices and/or the instigation of variety of acts corresponding to the evaluation of the **rules**.

An INDEPENDENT CLAIM is also included for the system for implementing an integrated information system and a computer readable medium having computer-executable instructions.

USE - locally detected **event** utilizing an integrated information system including intrusion detecting devices, such as door or window contacts, glass break detectors, motion detectors and closed-circuit television (CCTV), badging systems, asset tracking and access control devices and sensors.

ADVANTAGE - The integrated information system can obtain any variety of monitoring device inputs, process any combination of the inputs, and provide customized outputs according to the needs and rights of an authorized user.

DESCRIPTION OF DRAWING(S) - Drawing shows a block diagram of an integrated information system.

Internet (20)

Premises server (32)

Central server (56)

pp; 61 DwgNo 2/14

Title Terms: REMOTE; MONITOR; METHOD; LOCAL; DETECT; **EVENT**; UTILISE;
INTEGRATE; INFORMATION; SYSTEM; CENTRAL; SERVE; CAPABLE; PROCESS; DATA;
MULTIPLE; PREMISES; SERVE

Derwent Class: T01; W05

International Patent Class (Main): G06F-015/16; G06F-015/173

File Segment: EPI

8/5/10 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014595519 **Image available**

WPI Acc No: 2002-416223/200244

Related WPI Acc No: 2002-416075; 2002-416102

XRPX Acc No: N02-327525

Distributed configuration utility for use in factory, has server agent in remote node, which notifies configuration editor of existing data

access server and establishes interface between editor and server

Patent Assignee: WONDERWARE CORP (WOND-N); HADRIC M (HADR-I); HESSMER R (HESS-I); ROSS L D (ROSS-I); TODOROV I A (TODO-I)
Inventor: HADRIC M; HESSMER R; ROSS L D; TODOROV I A
Number of Countries: 098 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200223875	A1	20020321	WO 2001US28955	A	20010914	200244 B
AU 200192691	A	20020326	AU 200192691	A	20010914	200251
US 20020112038	A1	20020815	US 2000232731	P	20000915	200256
			US 2001954422	A	20010914	
EP 1327348	A1	20030716	EP 2001973073	A	20010914	200347
			WO 2001US28955	A	20010914	

Priority Applications (No Type Date): US 2000232731 P 20000915; US 2001954422 A 20010914

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200223875	A1	E	78 H04M-003/00	
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW				
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW				
AU 200192691	A		H04M-003/00	Based on patent WO 200223875
US 20020112038	A1		G06F-015/16	Provisional application US 2000232731
EP 1327348	A1	E	H04M-003/00	Based on patent WO 200223875
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR				

Abstract (Basic): WO 200223875 A1

NOVELTY - A database has a set of configuration **rules** stored in association with **several** data access **servers**. A server agent located in a remote computing node (250) **notifies** the configuration editor of existing data access server and facilitates establishment of configuration interface between the editor and server.

USE - Distributed configuration utility for use in factory and plant.

ADVANTAGE - **Several** data access **servers** are configured without physically going to each node on a network and hence establishes centralized utility.

DESCRIPTION OF DRAWING(S) - The figure shows the set of components forming the client and server components.

Remote computing node (250)
pp; 78 DwgNo 3/9

Title Terms: DISTRIBUTE; CONFIGURATION; UTILISE; FACTORY; SERVE; AGENT; REMOTE; NODE; **NOTIFICATION**; CONFIGURATION; EDIT; EXIST; DATA; ACCESS; SERVE; ESTABLISH; INTERFACE; EDIT; SERVE

Derwent Class: T01

International Patent Class (Main): G06F-015/16; H04M-003/00

International Patent Class (Additional): G06F-011/00; G06F-013/00; G06F-015/177; G06F-017/30

File Segment: EPI

8/5/13 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014094654 **Image available**

WPI Acc No: 2001-578868/200165

Related WPI Acc No: 1996-455802

XRPX Acc No: N01-430777

Distributed object filtering method in client server network management application, involves applying load distribution policy based filter to alarm and forwarding related alarm notification to management

application

Patent Assignee: CABLETRON SYSTEMS INC (CABL-N)
Inventor: ARROWSMITH R; DATTA U; LEWIS L; TAYLOR D
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6255943	B1	20010703	US 95412955	A	19950329	200165 B
			US 9858054	A	19980409	
			US 98110564	A	19980706	
			US 98124204	A	19980728	

Priority Applications (No Type Date): US 98124204 A 19980728; US 95412955 A 19950329; US 9858054 A 19980409; US 98110564 A 19980706

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6255943	B1	23	G08B-029/00	CIP of application US 95412955 CIP of application US 9858054 CIP of application US 98110564 CIP of patent US 5777549

Abstract (Basic): US 6255943 B1

NOVELTY - The alarms are generated from **multiple** network management **servers**. Load distribution **policy** based filters are assigned to network management servers (12) and associated network management applications (24). The assigned **policy** based filter is applied to alarm which satisfies filters criteria and corresponding alarm **notification** is forwarded to associated network management application.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for distributed object filtering apparatus.

USE - For filtering distributed object in client-server network management applications.

ADVANTAGE - Performance and reliability of client-server application is increased by distributing the filtering requirement over both server and client depending on resources available and preferences. This allows more flexibility in tuning such applications for optimal performance.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of alarm **notification** manager for use with **multiple** network management **servers** and associated applications.

Network management servers (12)

Associated network management applications (24)

pp; 23 DwgNo 2/19

Terms: DISTRIBUTE; OBJECT; FILTER; METHOD; CLIENT; SERVE; NETWORK; MANAGEMENT; APPLY; APPLY; LOAD; DISTRIBUTE; BASED; FILTER; ALARM; FORWARDING; RELATED; ALARM; **NOTIFICATION**; MANAGEMENT; APPLY

Derwent Class: T01; W01; W05

International Patent Class (Main): G08B-029/00

File Segment: EPI

8/5/14 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013966894

WPI Acc No: 2001-451108/200148

XRPX Acc No: N01-334005

Computer for intelligently coordinating data capture requests in a network including a number of such computers which route requests to servers which are dynamically configured by the computer

Patent Assignee: BIZTRO INC (BIZT-N)

Inventor: D'SOUZA R P

Number of Countries: 092 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200101297	A1	20010104	WO 2000US18183	A	20000629	200148 B
AU 200059071	A	20010131	AU 200059071	A	20000629	200148

Priority Applications (No Type Date): US 99345259 A 19990630; US 99345170 A 19990630; US 99345225 A 19990630

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200101297 A1 E 46 G06F-017/30

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200059071 A G06F-017/30 Based on patent WO 200101297

Abstract (Basic): WO 200101297 A1

NOVELTY - **Clusters of servers** are each controlled by an aggregator computer which intelligently co-ordinates data capture requests. The aggregators receive and respond to the requests by assigning and if necessary reconfiguring the servers. User actions in business application programs are monitored and if they are useful for data capture are recorded as **events** which may subsequently be accessed independently of the business applications for data capture. The data capture and business applications can run independently. A configurable server is described.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for

- (a) a method of capturing data from a server in a network
- (b) a method of creating a dynamic **event** for use in data capture
- (c) a method of processing a dynamic **event** for data capture
- (d) a server computer for use in data capture
- (e) a method of implementing a business **policy** for use in data capture.

USE - In data mining.

ADVANTAGE - Expandable network structure allowing for increasing storage capacities and for the execution of business applications and the gathering of data to function independently.

pp; 46 DwgNo 0/12

Title Terms: COMPUTER; COORDINATE; DATA; CAPTURE; REQUEST; NETWORK; NUMBER; COMPUTER; ROUTE; REQUEST; SERVE; DYNAMIC; CONFIGURATION; COMPUTER

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

8/5/15 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013881718 **Image available**

WPI Acc No: 2001-365930/200138

XRPX Acc No: N01-266852

Configuring method of software application on cluster, by forming data indicating successful installation of software application on cluster when configuration slaves successfully complete

Patent Assignee: ORACLE CORP (ORAC-N)

Inventor: HO L S; MACKIN P F; ROWLANDS D; SUNKARA R V

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6173420	B1	20010109	US 97961793	A	19971031	200138 B

Priority Applications (No Type Date): US 97961793 A 19971031

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 6173420 B1 13 G06F-011/00

Abstract (Basic): US 6173420 B1

NOVELTY - Based on one or more fail over **policies** that apply to a **cluster** which includes **multiple nodes**, a set of **nodes** that

belong to the cluster that must be able to execute a software application are identified. Configuration slaves are made to automatically perform a series of actions required to configure the software application on the set of nodes.

DETAILED DESCRIPTION - Data indicating successful installation of software application on the cluster are generated when the configuration slaves successfully complete the series of actions. INDEPENDENT CLAIMS are also included for the following:

- (a) a computerized system;
- (b) and a computer-readable medium for storing a program for configuring a software application to run on a cluster.

USE - For configuring on a cluster a software application that is not necessarily designed for execution on a cluster in a computer network.

ADVANTAGE - Reduces complexity of configuring software in clusters that employ fail over policies. Stand alone application can be turned into fail safe application automatically with minimal expertise required of user of application. Cluster configuration process is made atomic, automatic, and significantly faster and less error-prone than manual cluster-wide configurations by automatically configuring software on cluster and automatically rolling back changes on all cluster nodes in event of error during configuration process.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of a computerized system that includes a cluster that may be configured to execute a software application.

pp; 13 DwgNo 2/4

Title Terms: METHOD; SOFTWARE; APPLY; CLUSTER; FORMING; DATA; INDICATE; SUCCESS; INSTALLATION; SOFTWARE; APPLY; CLUSTER; CONFIGURATION; SUCCESS; COMPLETE

Derwent Class: T01

International Patent Class (Main): G06F-011/00

File Segment: EPI

8/5/20 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011931985 **Image available**

WPI Acc No: 1998-348895/199830

XRFX Acc No: N98-272290

Dynamic filtering method for IP packets in computer network - involves detecting events in system and using these to trigger dynamic assignment of filter profiles to be applied by routers

Parent Assignee: MOTOROLA INC (MOTI); SUN MICROSYSTEMS INC (SUNM)

Inventor: GOEDMAN R J; LIM S B; PATRICK M W; RADIA S R; TSIRIGOTIS P; WONG T K

Number of Countries: 019 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9826555	A1	19980618	WO 97US22561	A	19971208	199830 B
US 5848233	A	19981208	US 96762402	A	19961209	199905
EP 1013045	A1	20000628	EP 97950906	A	19971208	200035
			WO 97US22561	A	19971208	
JP 2001506093	W	20010508	WO 97US22561	A	19971208	200131
			JP 98526896	A	19971208	

Priority Applications (No Type Date): US 96762402 A 19961209

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9826555 A1 E 34 H04L-029/06

Designated States (National): JP

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

US 5848233 A G06F-011/00

EP 1013045 A1 E H04L-029/06 Based on patent WO 9826555

Designated States (Regional): DE FR GB IT NL SE

JP 2001506093 W 33 H04L-012/56 Based on patent WO 9826555

Abstract (Basic): WO 9826555 A

The method involves detecting an **event** associated with a client system in a computer network which includes several client systems (102) connected via modems (104) and a routing system (106) to **several servers** (108). One or more filtering **rules** are selected, based on the type of **event** detected.

A packet filter is established in the computer network, in which the packet filter uses the selected **rules** to selectively discard packets originating at the client system associated with the detected **event**. Preferably the detected **event** is the assignment of an IP address to the client system.

ADVANTAGE - Allows routers to be automatically reconfigured when selected **events** occur in system.

Dwg.1/9

Title Terms: DYNAMIC; FILTER; METHOD; IP; PACKET; COMPUTER; NETWORK; DETECT ; **EVENT** ; SYSTEM; TRIGGER; DYNAMIC; ASSIGN; FILTER; PROFILE; APPLY; ROUTER

Derwent Class: T01; W01

International Patent Class (Main): G06F-011/00; H04L-012/56; H04L-029/06

International Patent Class (Additional): G06F-013/00; H04L-012/28;

H04L-029/14

File Segment: EPI

8/5/21 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010958852 **Image available**

WPI Acc No: 1996-455802/199645

Related WPI Acc No: 2001-578868

XRFX Acc No: N96-384045

Policy -based alarm notification for distributed network management environment - receiving alarms from servers, assigning policy-based filters to be applied to alarms and generating alarm notifications to management of any relevant alarms

Patent Assignee: CABLETRON SYSTEMS INC (CABL-N); APRISMA MANAGEMENT TECHNOLOGIES INC (APRI-N); ARROWSMITH R (ARRO-I); DATTA U (DATT-I); LEWIS L (LEWI-I); TAYLOR D (TAYL-I)

Inventor: ARROWSMITH R; LEWIS L; POLIQUIN L R; TRACY W; DATTA U; TAYLOR D

Number of Countries: 071 Number of Patents: 012

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9631035	A1	19961003	WO 96US4332	A	19960329	199645 B
AU 9653258	A	19961016	AU 9653258	A	19960329	199706
US 5696486	A	19971209	US 95412955	A	19950329	199804
			US 95558425	A	19951116	
EP 818096	A1	19980114	EP 96909894	A	19960329	199807
			WO 96US4332	A	19960329	
US 5777549	A	19980707	US 95412955	A	19950329	199834
US 6057757	A	20000502	US 95412955	A	19950329	200029
			US 98110564	A	19980706	
AU 720061	B	20000525	AU 9653258	A	19960329	200034
US 6373383	B1	20020416	US 95412955	A	19950329	200232
			US 98110564	A	19980706	
			US 2000571625	A	20000515	
US 20020050926	A1	20020502	US 95412955	A	19950329	200234
			US 9858054	A	19980409	
			US 98110564	A	19980706	
			US 98124204	A	19980728	
			US 2001896949	A	20010702	
EP 818096	B1	20020626	EP 96909894	A	19960329	200242
			WO 96US4332	A	19960329	
DE 69622026	E	20020801	DE 622026	A	19960329	200258
			EP 96909894	A	19960329	
			WO 96US4332	A	19960329	
US 6603396	B2	20030805	US 95412955	A	19950329	200353

US 9858054	A	19980409
US 98110564	A	19980706
US 98124204	A	19980728
US 2001896949	A	20010702

Priority Applications (No Type Date): US 95558425 A 19951116; US 95412955 A 19950329; US 98110564 A 19980706; US 2000571625 A 20000515; US 9858054 A 19980409; US 98124204 A 19980728; US 2001896949 A 20010702

Cited Patents: 4.Jnl.Ref

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9631035	A1	E	50	H04L-012/24	
Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN					
Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG					
AU 9653258	A				Based on patent WO 9631035
US 5696486	A		23	G08B-029/00	CIP of application US 95412955
EP 818096	A1	E			Based on patent WO 9631035
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
US 5777549	A			G08B-029/00	
US 6057757	A			G08B-029/00	Cont of application US 95412955 Cont of patent US 5777549
AU 720061	B				Previous Publ. patent AU 9653258 Based on patent WO 9631035
US 6373383	B1			G08B-029/00	Cont of application US 95412955 Cont of application US 98110564 Cont of patent US 5777549 Cont of patent US 6057757
US 20020050926	A1			G08B-029/00	Cont of application US 95412955 Cont of application US 9858054 Cont of application US 98110564 Cont of application US 98124204 Cont of patent US 5777549 Cont of patent US 6057757 Cont of patent US 6255943
EP 818096	B1	E		H04L-012/24	Based on patent WO 9631035
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
DE 69622026	E			H04L-012/24	Based on patent EP 818096 Based on patent WO 9631035
US 6603396	B2			G08B-029/00	Cont of application US 95412955 Cont of application US 9858054 Cont of application US 98110564 Cont of application US 98124204 Cont of patent US 5777549 Cont of patent US 6057757 Cont of patent US 6255943

Abstract (Basic): WO 9631035 A

The alarm **notification** method involves receiving alarms from **multiple servers**. **Policy**-based filters are assigned to one or more associated applications. The assigned **policy**-based filters are applied to the alarms. An alarm **notification** is generated for those alarms which pass the filters. The **notification** is forwarded to the one or more associated applications.

Preferably, several filters comprising a **policy** to the one or more associated applications. Each filter comprises at least one filter parameter. The applying step comprises performing a logical AND of all parameters within one filter and performing a logical OR between all filters within one **policy**.

ADVANTAGE - Provides greater control over which alarms are reported to network management applications. Ensures consistency of reported alarms across multiple network management applications. Communication network administrators can be **notified** over public telephone system regarding failures on large and complex network with accuracy and

regarding only failures that are critical for maintaining performance of network.

Dwg.2/18

Title Terms: BASED; ALARM; **NOTIFICATION** ; DISTRIBUTE; NETWORK; MANAGEMENT; ENVIRONMENT; RECEIVE; ALARM; SERVE; ASSIGN; BASED; FILTER; APPLY; ALARM; GENERATE; ALARM; MANAGEMENT; RELEVANT; ALARM

Index Terms/Additional Words: TELEPHONIC

Derwent Class: W01

International Patent Class (Main): G08B-029/00; H04L-012/24

File Segment: EPI

8/5/22 (Item 19 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009343062 **Image available**

WPI Acc No: 1993-036526/199304

XRPX Acc No: N93-027952

Monitoring and changing operation system of computer system - includes event report generator in each program, with reported event processed by event processing machine during program execution

Patent Assignee: ICL SYSTEMS AB (INCM); ICL DATA AB (INCM)

Inventor: SKAGERLING L

Number of Countries: 020 Number of Patents: 013

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9300632	A1	19930107	WO 92SE456	A	19920622	199304 B
SE 9101942	A	19921221	SE 911942	A	19910620	199306
AU 9221981	A	19930125	AU 9221981	A	19920622	199319
SE 470031	B	19931025	SE 911942	A	19910620	199345
FI 9305637	A	19931215	WO 92SE456	A	19920622	199408
			FI 935637	A	19931215	
EP 591345	A1	19940413	EP 92913572	A	19920622	199415
			WO 92SE456	A	19920622	
JP 6509431	W	19941020	WO 92SE456	A	19920622	199501
			JP 93501185	A	19920622	
AU 658654	B	19950427	AU 9221981	A	19920622	199525
EP 591345	B1	19960501	EP 92913572	A	19920622	199622
			WO 92SE456	A	19920622	
DE 69210399	E	19960605	DE 610399	A	19920622	199628
			EP 92913572	A	19920622	
			WO 92SE456	A	19920622	
ES 2089539	T3	19961001	EP 92913572	A	19920622	199645
US 5621663	A	19970415	WO 92SE456	A	19920622	199721
			US 94170193	A	19940207	
			US 95428472	A	19950426	
FI 104018	B1	19991029	WO 92SE456	A	19920622	199951
			FI 935637	A	19931215	

Priority Applications (No Type Date): SE 911942 A 19910620

Cited Patents: 2.Jnl.Ref; EP 257241; JP 63059638; JP 63189949; US 3575589; US 3906454

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9300632 A1 E 19 G06F-011/34

Designated States (National): AU CA FI JP NO US

Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU MC NL SE

SE 9101942 A G06F-011/30

AU 9221981 A G06F-011/34 Based on patent WO 9300632

SE 470031 B G06F-011/34

FI 9305637 A G06F-000/00

EP 591345 A1 E 19 G06F-011/34 Based on patent WO 9300632

Designated States (Regional): BE DE ES FR GB

JP 6509431 W 1 G06F-013/00 Based on patent WO 9300632

AU 658654 B G06F-011/34 Previous Publ. patent AU 9221981

Based on patent WO 9300632

EP 591345 B1 E 12 G06F-011/34 Based on patent WO 9300632

Designated States (Regional): BE DE ES FR GB
 DE 69210399 E G06F-011/34 Based on patent EP 591345
 Based on patent WO 9300632
 ES 2089539 T3 G06F-011/34 Based on patent EP 591345
 ES 5621663 A G06F-011/30 Cont of application WO 92SE456
 Cont of application US 94170193
 FI 104018 B1 G06F-011/34 Previous Publ. patent FI 9305637

Abstract (Basic): WO 9300632 A

The system includes at least one **event** report generator (9) in each program (4) which is executable in the computer system and whose execution should be monitored, and an **event** processing machine (15) for processing the **events** reported by the **event** report generator in a monitored program during execution, depending on a **rule** base (16) which is included in the **event** processor.

The system also includes an equipment (18) controlled by the **event** processing machine and adapted to perform an action determined by the processing machine, and an interface (13) for transferring information about an **event** reported by the **event** report generator to the processing machine, and for **event** related message transmission.

ADVANTAGE - Wider applicability.

Dwg.2/4

Title Terms: MONITOR; CHANGE; OPERATE; SYSTEM; COMPUTER; SYSTEM; **EVENT** ;
 REPORT; GENERATOR; PROGRAM; **EVENT** ; PROCESS; **EVENT** ; PROCESS; MACHINE;
 PROGRAM; EXECUTE

Derwent Class: T01

International Patent Class (Main): G06F-000/00; G06F-011/30; G06F-011/34;
 G06F-013/00

International Patent Class (Additional): G06F-015/16

File Segment: EPI

8/5/23 (Item 20 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009039963 **Image available**

WPI Acc No: 1992-167325/199220

XRPX Acc No: N92-124862

Personnel planning, scheduling, and management unit - organising server into management unit, defining tour template describing bounded work shift, and correlating tour template with forecast to generate tour unit

Patent Assignee: IEX CORP (IEXI-N); TEX CORP (TEXT-N); CROCKETT G B
 (CROC-I)

Inventor: CASTONGUAY R M; CROCKETT G B; JORDAN B B; LEGGETT E W

Number of Countries: 017 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9207318	A1	19920430	WO 91US7513	A	19911011	199220 B
AU 9189076	A	19920520	AU 9189076	A	19911011	199233
			WO 91US7513	A	19911011	
US 5185780	A	19930209	US 90596689	A	19901012	199308
US 5289368	A	19940222	US 90596720	A	19901012	199408
US 5325292	A	19940628	US 90596694	A	19901012	199425
			US 9397330	A	19930726	
US 5911134	A	19990608	US 90597370	A	19901012	199930

Priority Applications (No Type Date): US 90597370 A 19901012; US 90596689 A 19901012; US 90596694 A 19901012; US 90596720 A 19901012; US 90596873 A 19901012; US 9397330 A 19930726

Cited Patents: 4.Jnl.Ref; JP03102496; US 4510351

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9207318 A1 E 65 G06F-003/147

Designated States (National): AU CA DE JP

Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU NL SE

AU 9189076 A G06F-003/147 Based on patent WO 9207318

US 5185780 A 20 H04M-001/72

US 5289368 A 21 G06F-015/22
US 5325292 A 21 G06F-015/22 Cont of application US 90596694
US 5911134 A G06F-017/60

Abstract (Basic): WO 9207318 A

Method involves organising a team of servers into multiple management units each of which has one or more **group** of individual **servers**. One or more tour templates describing a bounded work shift are defined and a forecast generated of an expected **event** load and the number of servers required. The expected **event** load is allocated among the management units.

The tour templates are correlated with the forecast to generate a set of tours for each management unit. The individual servers of each management unit are assigned to the generated tours for the management unit and a schedule for each individual server of the management unit is generated.

USE/ADVANTAGE - E.g. for scheduling staff in telephone call centre. Capable of accommodating significant change in environment condition, and provides flexibility and control.

Dwg.1/11

Title Terms: PERSONNEL; PLAN; SCHEDULE; MANAGEMENT; UNIT; ORGANISE; SERVE; MANAGEMENT; UNIT; DEFINE; TOURING; TEMPLATE; DESCRIBE; BOUND; WORK; SHIFT ; CORRELATE; TOURING; TEMPLATE; FORECAST; GENERATE; TOURING; UNIT

Index Terms/Additional Words: TELEPHONE; CALL; CENTRE

Derwent Class: T01; W01

International Patent Class (Main): G06F-003/147; G06F-015/22; G06F-017/60; H04M-001/72

International Patent Class (Additional): G06F-015/24; H04M-003/36; H04M-003/50

File Segment: EPI

8/5/26 (Item 23 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007558059

WPI Acc No: 1988-191991/198828

XRPX Acc No: N88-146819

Message-based distributed data processing system - has interconnected nodes with one having set of resource configuration rules for resources on any node

Patent Assignee: COMPUTER X INC (COMP-N); MOTOROLA INC (MOTI)

Inventor: SIMOR G

Number of Countries: 005 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 274406	A	19880713	EP 88300017	A	19880105	198828	B
CA 1292323	C	19911119				199202	
US 5165018	A	19921117	US 87621	A	19870105	199249	
EP 274406	A3	19920102	EP 88300017	A	19880105	199319	
EP 274406	B1	19960403	EP 88300017	A	19880105	199618	
DE 3855166	G	19960509	DE 3855166	A	19880105	199624	
			EP 88300017	A	19880105		

Priority Applications (No Type Date): US 87621 A 19870105

Cited Patents: No-SR.Pub; 3.Jnl.Ref; EP 201065; US 4622633

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 274406 A E 39

Designated States (Regional): DE FR GB

US 5165018 A 57 G06F-013/00

EP 274406 B1 E 22 G06F-015/16

Designated States (Regional): DE FR GB

DE 3855166 G G06F-015/16 Based on patent EP 274406

Abstract (Basic): EP 274406 A

Each node of the system has a set of resource server modules, each

controlling one or more particular resources of the same class. The module may be a data manager, human interface manager, network interface module, port manager, message server, debugging device, console manager, **event** manager or command line interpreter. Each module is configured in run time in accordance with information provided in a resource definition message. During the configuration of, for example, a first node (171), a configuration management process (CMP) reads a node definition message (NDM) for the node and all relevant resource template messages (RTM) and generates, from them, the resource definition messages for that node.

ADVANTAGE - Allows resources at any node to be configured quickly and efficiently.

Dwg.7/9

Title Terms: MESSAGE; BASED; DISTRIBUTE; DATA; PROCESS; SYSTEM;
INTERCONNECT; NODE; ONE; SET; RESOURCE; CONFIGURATION; **RULE** ; RESOURCE;
NODE

Derwent Class: T01

International Patent Class (Main): G06F-013/00; G06F-015/16

International Patent Class (Additional): G06F-009/46

File Segment: EPI

10/5/8 (Item 8 from file: 347)
DIALOG(R)File 347:JAPIO
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07008694 **Image available**
METHOD AND DEVICE FOR COMMUNITY MANAGEMENT OF REMOTE SYSTEM SERVICE

PUB. NO.: 2001-236319 [JP 2001236319 A]
PUBLISHED: August 31, 2001 (20010831)
INVENTOR(s): HUMMEL HENRY JOHN JR
SINGH KARAMJEET
LAMOUREAUX THOMAS LEROY
ZETTEL HUBERT ANTHONY
KELLY MICHAEL EVAN
PLOETZ LAWRENCE EDWARD
MEHRING DAVID THOMAS
PALLIYAL SUNIL MELEPATT
APPLICANT(s): GE MEDICAL TECHNOLOGY SERVICES INC
APPL. NO.: 2000-392448 [JP 2000392448]
FILED: December 25, 2000 (20001225)
PRIORITY: 99 477041 [US 99477041], US (United States of America),
December 31, 1999 (19991231)
INTL CLASS: G06F-015/00; G06F-009/445; G06F-001/00; G06F-012/00;
G06F-013/00; G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To manage distribution based on the community membership of a remote system user by distributing protected software application from center service facilities 22 to the remote system 12.

SOLUTION: According to a transaction rule 118, it is decided whether or not a specific identified user is allowed to access the protected software application from a specific remote site. **Many** Web **servers** 110 are so programmed that a remote system user can selectively access resident software application through a network 80. The access is managed by a center **policy** server 114 according to user information and system information and community definitions stored in a database. The **policy** server communicates with the respective Web servers through agent modules 112 built on the Web servers.

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10/5/13 (Item 13 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

06170956 **Image available**
NETWORK SYSTEM AND NETWORK EQUIPMENT

PUB. NO.: 11-112503 [JP 11112503 A]
PUBLISHED: April 23, 1999 (19990423)
INVENTOR(s): ISHIZAKI TAKESHI
TAKIHIRO SHINRI
MIYAMOTO YOSHINORI
NIWA TOKUHIRO
APPLICANT(s): HITACHI LTD
APPL. NO.: 09-267261 [JP 97267261]
FILED: September 30, 1997 (19970930)
INTL CLASS: H04L-012/28; H04Q-003/00

ABSTRACT

PROBLEM TO BE SOLVED: To transfer communication by a connectionless protocol with less management load through the use of connection whose communication quality is guaranteed by providing a connection management server and setting connection in accordance with prescribed information.

SOLUTION: The connection management server 150 which intensively manages a connection setting state and **plural** edge **nodes** are connected to a

backbone network formed by an exchange device having the communication quality guaranteeing function of traffic so as to constitute a network system. When a connection setting request is given, the management server 150 refers to an operation **policy** data base 310. When it is approved, the attribute of setting connection is decided, a connection database 360 is updated and the protocol is transmitted to the corresponding exchange device and the node. When a route control protocol processing part 370 receives a route control protocol from a router, it calculates a route, updates a route table 330 and transmits a routing protocol to the other router.

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10/5/17 (Item 17 from file: 347)
DIALOG(R)File 347:JAPIO
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03778712 **Image available**
COMPUTER OPERATION CONTROL SYSTEM

PUB. NO.: 04-143812 [JP 4143812 A]
PUBLISHED: May 18, 1992 (19920518)
INVENTOR(s): AKIYAMA TOMOKO
TORII SATORU
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 02-266901 [JP 90266901]
FILED: October 04, 1990 (19901004)
INTL CLASS: [5] G06F-001/00
JAPIO CLASS: 45.9 (INFORMATION PROCESSING -- Other)
JOURNAL: Section: P, Section No. 1415, Vol. 16, No. 424, Pg. 83,
September 07, 1992 (19920907)

ABSTRACT

PURPOSE: To attain the coincidence between the user's will for use of a computer and the control state of the computer operation by registering user information, deciding an operating control **policy** based on the result registering in order to operate the computer, and updating the registration of the user.

CONSTITUTION: Each user registers the schedule of his/her use of a computer in an operation control system, and a **group** of **computers** connected to each other via each user or computer network refers to the information on an operation system. Then the operation control system decides an operation control **policy** 2 based on the information on the operation system. The operation system offers the information to the users and the computers and reflects these information in order to perform an operation 3 based on the decided **policy**. In such a case, the user registration 1 is deleted when the user uses a computer or the registered time passed. Thus the registration 1 is updated by the user's will. In such a way, the coincidence is secured between the user's will for use of the computer and the control state of the computer operation.

10/5/20 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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199901900 **Image available**
WPI Acc No: 2003-864103/200380
Related WPI Acc No: 1995-115161; 1998-110106; 1998-322153; 1998-480703;
1999-254128; 2000-627636; 2002-130092; 2002-130093; 2002-147169;
2002-179054; 2002-338143; 2002-507674; 2003-656552; 2003-900308
XRPX Acc No: N03-689732

Multi server computer system for power and workload management, has management module to analyze received activity of server, to determine operating mode and generates command correspondingly

Patent Assignee: AMPHUS INC (AMPH-N)

Inventor: FUNG H T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030188208	A1	20031002	US 90532314	A	19900601	200380 B
			US 92908533	A	19920629	
			US 9317975	A	19930212	
			US 94285169	A	19940803	
			US 95460191	A	19950602	
			US 96767821	A	19961217	
			US 98121352	A	19980723	
			US 2000558473	A	20000425	
			US 2000236043	P	20000927	
			US 2000236062	P	20000927	
			US 2001283375	P	20010411	
			US 2001860302	A	20010518	

Priority Applications (No Type Date): US 2001860302 A 20010518; US 90532314 A 19900601; US 92908533 A 19920629; US 9317975 A 19930212; US 94285169 A 19940803; US 95460191 A 19950602; US 96767821 A 19961217; US 98121352 A 19980723; US 2000558473 A 20000425; US 2000236043 P 20000927; US 2000236062 P 20000927; US 2001283375 P 20010411

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030188208	A1		78	G06F-001/26	Cont of application US 90532314 Cont of application US 92908533 Cont of application US 9317975 Cont of application US 94285169 Cont of application US 95460191 Cont of application US 96767821 Cont of application US 98121352 Cont of application US 2000558473 Provisional application US 2000236043 Provisional application US 2000236062 Provisional application US 2001283375 Cont of patent US 5396635 Cont of patent US 5892959 Cont of patent US 6079025 Cont of patent US 6584571

Abstract (Basic): US 20030188208 A1

NOVELTY - A server module (SM) (54) with processor and activity monitor operates at three mode with different maximum performance level and power consumption rate. A management module (MM) (55) analyzes the received activity of SM, to determine operating mode using predetermined **policies** . The MM generates command to direct SM to operate in determined operating mode.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for server operation method.

USE - For power and workload management of personal computer (PC), personal digital assistant (PDA), information appliances, data processing system and electronic system and devices of building using Internet.

ADVANTAGE - Provides large capacity and **multiple network nodes** or **servers** in small physical footprint with conservative power relative to server performance. Also, maintains performance and reduces power consumption. Extends the lifetime of computer system component and server, hence the total cost of ownership is reduced.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of the multi-server computer system.

server module (54)
management module (55)
router (62)
Internet (63)
client systems (70)
pp; 78 DwgNo 1/28

Title Terms: MULTI; SERVE; COMPUTER; SYSTEM; POWER; MANAGEMENT; MANAGEMENT;

MODULE; ANALYSE; RECEIVE; ACTIVE; SERVE; DETERMINE; OPERATE; MODE;
GENERATE; COMMAND; CORRESPOND
Derwent Class: T01; W01
International Patent Class (Main): G06F-001/26
International Patent Class (Additional): G06F-001/32
File Segment: EPI

10/5/52 (Item 35 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013922565 **Image available**
WPI Acc No: 2001-406778/200143
XRPX Acc No: N01-300829

Security system for controlling access of resources within computing environment, has enforcement mechanism coupled to security servers, to enforce request to access resource, by querying one of security servers

Patent Assignee: SECURE COMPUTING CORP (SECU-N)
Inventor: CARNEY M R; LOE B J; MITCHEM T
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6209101	B1	20010327	US 98118537	A	19980717	200143 B

Priority Applications (No Type Date): US 98118537 A 19980717

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6209101	B1		10	G06F-011/30	

Abstract (Basic): US 6209101 B1

NOVELTY - The security system has an enforcement mechanism (20), communicatively coupled to **several security servers** (250,250A,250B,250D,250R) to enforce a request to access one of the resources (25) by querying one of the security servers.

DETAILED DESCRIPTION - The security servers (250,250A,250B,250D,250R). Each server includes a set of security associations. An enforcement mechanism (20) includes an operating system kernel (210) having a task control block (230), for each of a number of tasks (40) executed in the computing environment. The mechanism queries a primary security server identified in the task control block of the corresponding task. Each primary security server is a task executing within the computing environment. The task control block of each primary server identifies a parent security server for resolving resource requests that the primary security server is unable to resolve. INDEPENDENT CLAIMS are also included for the following:

(a) Method for controlling access to number of resources in computing environment;

(b) Computer readable medium

USE - Used in secure computing environment in order to control the management, protection and sensitive information.

ADVANTAGE - Dynamically creates and terminates security **policies** to adapt to organizational **policy** changes. Each security server is tailored to implement unique security **policies**. Allows greater flexibility in controlling user's and processes. Each security server incorporates highly specialized **policies** and is implemented in efficient, light-weight manner that is relatively easy to develop and administer.

DESCRIPTION OF DRAWING(S) - The figure illustrates the security system in which the **policy** resolution mechanism has a hierarchy of security servers.

Enforcement mechanism (20)

Task (40)

Operating system kernel (210)

Task control block (230)

Security servers (250,250A,250B,250D,250R)

pp; 10 DwgNo 2/4

Title Terms: SECURE; SYSTEM; CONTROL; ACCESS; RESOURCE; COMPUTATION;

ENVIRONMENT; MECHANISM; COUPLE; SECURE; SERVE; ENFORCE; REQUEST; ACCESS;
RESOURCE; ONE; SECURE; SERVE
Derwent Class: T01; W01
International Patent Class (Main): G06F-011/30
International Patent Class (Additional): H04L-009/32
File Segment: EPI

10/5/56 (Item 39 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013179473
WPI Acc No: 2000-351346/200031
XRPX Acc No: N00-263162
Policy -**simulative game device**
Patent Assignee: YINGYEDA CO LTD (YING-N)
Inventor: CAI S; HE D; YU L
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
CN 1247340 A 20000315 CN 98119162 A 19980909 200031 B

Priority Applications (No Type Date): CN 98119162 A 19980909
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
CN 1247340 A 1 G06F-009/00

Abstract (Basic): CN 1247340 A
NOVELTY - Game system is composed of **multiple game terminals**, which are connected to each other via communication medium for players to see output information and to input instructions. Each game terminal consists of game program medium, dta RAM, communication interface, input device, display and CPU. The program codes executed by CPU include communication, display, operating and data processing modules. The player can issue instructions to itself game terminal.
USE - A **policy** -simulative game system.
Dwg.0

Title Terms: SIMULATE; GAME; DEVICE
Derwent Class: T01; W04
International Patent Class (Main): G06F-009/00
File Segment: EPI

10/5/57 (Item 40 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012933325 **Image available**
WPI Acc No: 2000-105172/200009
XRPX Acc No: N00-080799
Computer implemented resource and policies allocating method for digital processing system
Patent Assignee: MEREL P A (MERE-I)
Inventor: MEREL P A
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
US 6006194 A 19991221 US 97942176 A 19971001 200009 B
Priority Applications (No Type Date): US 97942176 A 19971001
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 6006194 A 13 G06F-017/60

Abstract (Basic): US 6006194 A
NOVELTY - Computer software identifies **several client computers**. Several tokens are issued to each client computer. The software

transfers control of tokens from a served computer to a serving computer for performing services. The client computers bid their tokens for possible preferences of an auction to establish a winning. All tokens bid in the auction are recycled to the respective client computers.

USE - For digital processing system.

ADVANTAGE - After the bidding term, the tokens are recycled back to the respective client computers, so the client computers are always assured of not permanently losing their franchises that are associated with their respective commissions.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart for allocating services and resources.

pp; 13 DwgNo 4/5

Title Terms: COMPUTER; IMPLEMENT; RESOURCE; ALLOCATE; METHOD; DIGITAL; PROCESS; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/58 (Item 41 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012794810 **Image available**

WPI Acc No: 1999-601040/199951

XRPX Acc No: N99-443079

Computer network e.g. local area network (LAN) connected to the Internet

Patent Assignee: OMNES (OMNE-N); KEDDIE J A (KEDD-I); SULLIVAN J M (SULL-I)

Inventor: KEDDIE J A; SULLIVAN J M

Number of Countries: 084 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9946906	A1	19990916	WO 99US4624	A	19990303	199951 B
AU 9928900	A	19990927	AU 9928900	A	19990303	200006
EP 1062784	A1	20001227	EP 99909768	A	19990303	200102
			WO 99US4624	A	19990303	
US 20010042215	A1	20011115	US 9839197	A	19980313	200172
			US 2001898977	A	20010703	
BR 9909650	A	20020305	BR 999650	A	19990303	200225
			WO 99US4624	A	19990303	

Priority Applications (No Type Date): US 9839197 A 19980313; US 2001898977 A 20010703

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9946906	A1	E	23	H04L-029/06	
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9928900	A				Based on patent WO 9946906
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EP 1062784	A1	E		H04L-029/06	Based on patent WO 9946906
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Designated States (Regional): DE FR GB

US 20010042215	A1			H04L-009/00	Cont of application US 9839197
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BR 9909650	A			H04L-029/06	Based on patent WO 9946906
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Abstract (Basic): WO 9946906 A1

NOVELTY - The computer network includes one or more service computers that provide multiple network services via the network. One or more connection devices allow **multiple** network client **computers** to access the services via the network. A single routing computer serves as a firewall through which all traffic between the network services and the network client computers must pass.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also given for a method for providing a network services via a computer network to

multiple network client computers .

USE - For connecting a local area network (LAN) to the Internet

ADVANTAGE - Prevents infiltration of the LAN by other users of the Internet. allows single security **policy** for the computer network to be distributed across multiple firewalls and can be remotely managed from anywhere in the network.

DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of the network over which a network service provider delivers services securely to multiple customers.

pp; 23 DwgNo 1/2

Title Terms: COMPUTER; NETWORK; LOCAL; AREA; NETWORK; LAN; CONNECT

Derwent Class: T01; W01

International Patent Class (Main): H04L-009/00; H04L-029/06

File Segment: EPI

10/5/59 (Item 42 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012347070 **Image available**

WPI Acc No: 1999-153177/199913

XRPX Acc No: N99-110450

Network traffic management system for wide area network

Patent Assignee: NOVELL INC (NOVE-N)

Inventor: HAWKINS J T; JARVIS B L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5870561	A	19990209	US 96619814	A	19960315	199913 B

Priority Applications (No Type Date): US 96619814 A 19960315

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5870561	A		12 G06F-013/00	

Abstract (Basic): US 5870561 A

NOVELTY - The server forms a **policy** (300) comprising a name portion (302), selection criteria (304) and provider portion (306) and forms a recommendation as to whether the client can generate proposed traffic. The recommendation is transmitted to the client after storing in a cache memory.

DETAILED DESCRIPTION - The server has an application programming interface (210) using which clients make requests for generating network traffic. Each request comprises the type of traffic to be generated and destination mode address. The server contacts network software (202) to obtain cost estimates and link characteristics for generating the traffic and route for passing the traffic. An INDEPENDENT CLAIM is also included for a method of controlling network traffic.

USE - For wide area computer networks (WAN).

ADVANTAGE - Network administrator can view **policies** of remote modes. Only one laser interface is needed to manage network traffic generated by **many clients** .

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of node of computer network and **policy** implemented by the network.

Network software (202)

Application programming interface (210)

Policy (300)

Name portion (302)

Selection criterion (304)

Provider portion (306)

pp; 12 DwgNo 2,3/4

Title Terms: NETWORK; TRAFFIC; MANAGEMENT; SYSTEM; WIDE; AREA; NETWORK

Derwent Class: T01

International Patent Class (Main): G06F-013/00

International Patent Class (Additional): G06F-003/00; G06F-015/16

File Segment: EPI

10/5/61 (Item 44 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012001870 **Image available**
WPI Acc No: 1998-418780/199836
XRPX Acc No: N98-326510

**Security auditing system for computer network - has inspection policy
verification unit that performs co- ordination check of inspection
policy based on inspection result of security inspection unit**

Patent Assignee: HITACHI LTD (HITA)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10171863	A	19980626	JP 96325051	A	19961205	199836 B

Priority Applications (No Type Date): JP 96325051 A 19961205

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 10171863 A 8 G06F-017/60

Abstract (Basic): JP 10171863 A

The system has a directory service unit (106) which manages access to **several computers** that are connected through a communication network, in a hierarchical manner based on logical dependence relationship or inclusion relationship. A **policy** domain registration unit (102) registers the use range of an inspection **policy** in the directory service unit.

An inspection **policy** registration unit (103) registers an inspection **policy** into the directory service unit. An inspection **policy** execution unit (104) executes the registered inspection **policy** using a security inspection unit (107). An inspection **policy** verification unit (105) performs co-ordination check of an inspection **policy** based on the inspection result from the security inspection unit.

ADVANTAGE - Enables inheritance of monitoring **policy** between **policy** domain. Reduces labour for setting up monitoring **policies** .
Secures co-ordination of monitoring **policy** .

Dwg.1/10

Title Terms: SECURE; AUDIT; SYSTEM; COMPUTER; NETWORK; INSPECT;
VERIFICATION; UNIT; PERFORMANCE; CO; ORDINATE; CHECK; INSPECT; BASED;
INSPECT; RESULT; SECURE; INSPECT; UNIT
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

10/5/64 (Item 47 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011762864 **Image available**
WPI Acc No: 1998-179774/199816
XRPX Acc No: N98-142209

**Managing method for interconnected computer workstations - receiving data
relating to policy group definition and generating program
representative of policy group definition data**

Patent Assignee: METRIX SA (METR-N)
Inventor: MUNK-JAKOBSEN T; RAFATJOO B; MUNKJAKOBSEN T
Number of Countries: 079 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9809402	A1	19980305	WO 97EP4614	A	19970825	199816 B
AU 9742072	A	19980319	AU 9742072	A	19970825	199831
EP 919089	A1	19990602	EP 97940122	A	19970825	199926
			WO 97EP4614	A	19970825	

AU 735348 B 20010705 AU 9742072 A 19970825 200143

Priority Applications (No Type Date): GB 9617859 A 19960827

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9809402	A1	E	15	H04L-012/24	
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA
UG US UZ VN YU ZW

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT
KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9742072	A			H04L-012/24	Based on patent WO 9809402
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EP 919089	A1	E		H04L-012/24	Based on patent WO 9809402
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Designated States (Regional): AT BE CH DE DK ES FI FR GB IE IT LI LU NL
SE

AU 735348	B			H04L-012/24	Previous Publ. patent AU 9742072 Based on patent WO 9809402
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Abstract (Basic): WO 9809402 A

The method involves receiving data relating to a **policy** group definition of at least one **policy** group. A program is generated representative of the **policy** group definition data. The generated program is sent to each of **several** computer **workstations**. The **workstations** are instructed to check, by employing the program, whether or not each respective workstation belongs or does not belong to the at least one **policy** groups. The results of the checking step from each work station are returned to at least one managing station.

The **policy** group definition data is received at a remote location. The generated program is generated at a remote location. The checking step is performed regardless of whether the workstation is connected to a network or not. The generated program is altered in response to the returned results.

ADVANTAGE - Enables taking decisions for group membership by each workstation itself and independently of any others. Allows computer groupings to be defined and monitored on continuous basis, with actual groupings specified to reflect operational and organisation nature of each company.

Dwg.1/3

Title Terms: MANAGE; METHOD; INTERCONNECT; COMPUTER; RECEIVE; DATA; RELATED
; GROUP; DEFINE; GENERATE; PROGRAM; REPRESENT; GROUP; DEFINE; DATA

Derwent Class: W01

International Patent Class (Main): H04L-012/24

File Segment: EPI

File 348:EUROPEAN PATENTS 1978-2004/Jan W03

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040115,UT=20040108

(c) 2004 WIPO/Univentio

Set	Items	Description
S1	210707	COMPUTERS OR PCS OR NODES OR TERMINALS OR WORKSTATIONS OR - WORK()STATIONS OR CLIENTS OR SERVERS
S2	53668	(MULTIPL? OR PLURAL? OR SEVERAL OR MANY OR VARIOUS OR NUME- ROUS OR VARIET? OR RANGE? ? OR ASSORTMENT OR ASSORTED OR SERI- ES OR GROUP????? OR CLUSTER????? OR COLLECTION? ? OR FAMILY OR FAMILIES OR DIFFERENT OR FARM) (5W)S1
S3	450	SERVER()FARM OR WEBFARM? ? OR WEB()FARM? ?
S4	139956	POLICY OR POLICIES OR RULE OR RULES OR GUIDELINE? ?
S5	346525	EVENT? ? OR ALERT??? OR NOTICE? ? OR NOTIFIE? ? OR NOTIFY?- ?? OR NOTIFICATION? ?
S6	51997	(EVENT? ? OR OCCURR? OR HAPPEN?) (5N) (NOTIF? OR NOTICE? ? OR ALERT??? OR INFORM??? OR WARN??? OR TELL??? OR SIGNAL??? OR - INDICAT? OR ANNOUNC??? OR (LET? ? OR LETTING) (3W)KNOW)
S7	355	S2:S3(S)S4(S)S5:S6
S8	71	S2:S3(S)S4(S)S6
S9	10872	POLICY OR POLICIES
S10	108	S2:S3(S)S9(S)S5:S6
S11	120	S2:S3(50N)S9(50N)S5:S6
S12	40	S2:S3(S)S9(S)S6 OR S2:S3(50N)S9(50N)S6
S13	30	S2:S3(50N)S4(50N)S6
S14	86	S8 OR S13
S15	54	S14 NOT S12
S16	81	S10 NOT (S12 OR S15)
S17	62	S11 NOT (S12 OR S15 OR S16)
S18	74	S2:S3(50N)S9(50N)MODEL????
S19	46	S18 NOT (S12 OR S15 OR S16 OR S17)

12/5,K/2 (Item 2 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01291483

Methods and arrangements in a telecommunications system
Verfahren und Anordnungen in einem Telekommunikationsnetz
Procedes et dispositifs dans un reseau de telecommunications
PATENT ASSIGNEE:

TELEFONAKTIEBOLAGET LM ERICSSON, (213761), , 126 25 Stockholm, (SE),
(Applicant designated States: all)

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Sorensen, Johan, Ostea Stro 25 Holma, 241 91 Eslov, (SE)

LEGAL REPRESENTATIVE:

Lovgren, Tage et al (39386), Ericsson Radio Systems AB, Patent Support,
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PATENT (CC, No, Kind, Date): EP 1107516 A1 010613 (Basic)

APPLICATION (CC, No, Date): EP 99850192 991206;

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04L-012/28; H04L-029/06

ABSTRACT EP 1107516 A1

The invention is related to a digital, wired or wireless, communication system constituting a network of multiple nodes. The network comprises a central node. The central node controls all the communication in the network. In such a system, information related to the system itself or to the nodes in the system can be distributed by the central node among the peripheral nodes in the network or kept in a database in the central node, which database is accessible on request from the peripheral nodes in the network. The information can be conveyed to the central node from the peripheral nodes, either commanded by the central node itself or on request from a peripheral node, triggered by an internal event in the peripheral node, e.g. a change of state having external consequences.

The invention provides a mechanism for efficient distribution of relevant information in such a system.

ABSTRACT WORD COUNT: 147

NOTE:

Figure number on first page: 6

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010613 A1 Published application with search report

Examination: 010829 A1 Date of request for examination: 20010704

Change: 011010 A1 Legal representative(s) changed 20010824

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200124	1048
SPEC A	(English)	200124	10621
Total word count - document A			11669
Total word count - document B			0
Total word count - documents A + B			11669

...SPECIFICATION network technologies, both wired and wireless.

Thus a target system is considered which is a digital, wired or wireless, communication system constituting a network of **multiple nodes**. The network comprises a central node, also called master and two or more peripheral nodes, also called slaves or slave units. The central node controls...

...forwarding nodes

* Notifications when nodes join or leave the network

* Notifications when a connection to a fixed infrastructure becomes

available or ceases to be available

* **Notifications** of other **events**

* Information related to forwarding **policy**

Furthermore, it should be noted that the methods to be used in a Bluetooth system are not limited to the type of information mentioned in

...

12/5,K/13 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00881924

A METHOD AND AN APPARATUS FOR A SECURITY POLICY

PROCEDE ET APPAREIL DE POLITIQUE DE SECURITE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200214988 A2 20020221 (WO 0214988)

Application: WO 2001IB1877 20010820 (PCT/WO IB0101877)

Priority Application: US 2000226128 20000818; US 2001259575 20010104

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-001/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9694

English Abstract

French Abstract

Legal Status (Type, Date, Text)

Publication 20020221 A2 Without international search report and to be
republished upon receipt of that report.

Declaration 20030424 Late publication under Article 17.2a

Republication 20030424 A2 With declaration under Article 17(2)(a); without
abstract; title not checked by the International
Searching Authority.

Fulltext Availability:
Detailed Description

Detailed Description

... a user attempts to access a resource to which he previously had access, the system may provide such access to the resource, and possibly, additionally, **notify** the security administrator of the **event**. While providing some temporary relief, however, conventional systems still do not satisfactorily address the issue of the actual creation of the table and contending with the dynamic nature of the changes occurring within the organization requiring continuous manual updates to the security **policy**.

[010] Prior art solutions, for example, Moriconi et al. U.S. patent 6,158,010, may also suggest certain ways to distribute security **policies**. In Moriconi et al., the inventors disclose a system where a global security **policy** is distributed to **various computers** on the network to form the local security **policies**. Orchier et al. in U.S. patent 6,170,244, suggest a system and method for ensuring compliance of separate computers within a computer network to a centralized security **policy**. The advantage of this system is its ability to enforce a centrally defined security **policy**, on local security **policies** and methods developed in local systems. More specifically, it enforces the general security

4

policies put in place over local procedures. In some cases it may be advantageous to authenticate a security **policy** through a digital signature as is suggested in U.S. patent 6,202,157, to Brownlie et al.

[011] However, none of the systems mentioned...

12/5,K/17 (Item 15 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00852779 **Image available**

METHOD AND APPARATUS TO OBTAIN SERVICE CAPABILITY CREDENTIALS

**PROCEDE ET APPAREIL PERMETTANT D'OBTENIR DES TITRES ACCREDITIFS RELATIFS A
DES CAPACITES DE SERVICES**

Patent Applicant/Assignee:

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Legal Representative:

KOWERT Robert C (agent), Conley, Rose & Tayon, P.C., P.O. Box 398,
Austin, TX 78767-0398, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200186394 A2-A3 20011115 (WO 0186394)

Application: WO 2001US15134 20010509 (PCT/WO US0115134)

Priority Application: US 2000202975 20000509; US 2000208011 20000526; US
2000209430 20000602; US 2000209140 20000602; US 2000209525 20000605; US
2000653215 20000831

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-001/00

International Patent Class: G06F-009/46

Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 65219

English Abstract

A service discovery mechanism may allow clients in a distributed computing environment to search for services. The service discovery mechanism may allow a client to request a capability credential from a service. In one embodiment, the client may present to the service a set of desired capabilities. The service may then respond with a capability credential that may convey to the client the rights to use the requested capabilities. A complete service advertisement may be needed to create a message endpoint for accessing the service. In an embodiment, the capability credential may be used by a client to obtain a complete advertisement for the requested capabilities. The capability credential may provide an additional level of security for the service provider. The capability credential that may be used to receive the complete advertisement may also be used to construct a message gate to communicate with the service where the gate embeds the capability credential in each message to the service.

French Abstract

L'invention se rapporte a un mecanisme de recherche de services qui peut permettre a des clients dans un environnement informatique repartit de rechercher des services. Ce mecanisme de recherche de services peut permettre a un client de demander un titre accreditatif relatif a la capacite d'un service. Dans une realisation, le client peut presenter au service un ensemble de capacites souhaitees. Le service peut alors repondre avec un titre accreditatif de capacite qui peut transmettre au client les droits d'utilisation des capacites demandees. Une publicite complete relative au service peut etre necessaire pour creer un point terminal de message permettant d'accéder au service. Dans une realisation, le titre accreditatif relatif a la capacite peut etre utilise par un client pour obtenir une publicite complete pour les capacites demandees. Le titre accreditatif de capacite peut fournir un niveau de securite supplementaire pour le fournisseur de services. Ce titre peut egalement etre utilise pour recevoir la publicite complete et pour construire une porte de messages permettant la communication avec le service, ladite porte incorporant ledit titre accreditatif de capacite dans chaque message a destination du service.

Legal Status (Type, Date, Text)

Publication	20011115	A2 Without international search report and to be republished upon receipt of that report.
Examination	20020214	Request for preliminary examination prior to end of 19th month from priority date
Search Rpt	20030103	Late publication of international search report
Republication	20030103	A3 With international search report.

Fulltext Availability:

Claims

Claim

... 0 to the service and may register the advertisement in a space in the distributed computing environment. In one embodiment, an agent may register for **event notification** in the Jini Lookup service, and thus may be informed when a new Jini service is registered. When informed of a new Jini service, the for the new services. In one embodiment, when a Jini service is removed, the agent may receive an 5 **event notifying** of the removal of the Jini service. The agent may then remove the XMI, advertisement for the service from the space. In one embodiment, to...

...other kind of organization. An enterprise may utilize an enterprise computing environment for conducting a portion of its business. The enterprise computing environment may include **various** enterprise services. **Clients** in the distributed computing environment may desire

to use services in the enterprise computing environment. An enterprise service may be based on a number of...the offload service (the enterprise service is hidden to the client), so the client does not have to support the architecture of the enterprise service. **Multiple** distributed network environment **clients** may use the same bridge service (each using a 10 unique gate pair) to interact with the enterprise service. The bridge service or other...

12/5,K/21 (Item 19 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00801757 **Image available**

A DECISION BASED SYSTEM FOR MANAGING DISTRIBUTED RESOURCES AND MODELING THE GLOBAL OPTIMIZATION PROBLEM
SYSTEME DECISIONNEL DE GESTION DE RESSOURCES DISTRIBUEES ET DE MODELISATION D'UN PROBLEME D'OPTIMISATION GLOBALE

Patent Applicant/Inventor:

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RAINA Ajay, 131-B, Uttam Nagar, Kuniwani, Jammu-J & K-180010, IN, IN
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Garden City Plaza, Garden City, NY 11530, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200135278 A1 20010517 (WO 0135278)
Application: WO 2000US30913 20001110 (PCT/WO US0030913)
Priority Application: US 99164527 19991110; US 2000197036 20000413

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LK LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 23454

English Abstract

A decision support system called Mounties that is designed for managing applications and resources using rule-based constraints in scalable mission-critical clustering environments. Mounties consists of four active service components: (1) a repository of resource proxy objects for modeling and manipulating the cluster configuration; (2) an event notification mechanism for monitoring and controlling interdependent and distributed resources; (3) a rule evaluation and decision processing

mechanism; and (4) a global optimization service for providing decision making capabilities. The focus of this paper is on the design of the first three services that together connect and coordinate the distributed resources with the decision making component.

French Abstract

L'invention concerne un systeme d'aide a la decision appele Mounties, qui a ete concu pour la gestion des applications et des ressources utilisant des contraintes basees sur des regles dans des environnements de regroupement cibles extensibles. Mounties comprend quatre composants de service actifs : (1) un depot d'objets proxy ressources servant a modeliser et a manipuler la configuration du regroupement ; (2) un mecanisme de notification d'evenements servant a surveiller et a commander les ressources interdependantes et distribuees ; (3) un mecanisme d'evaluation des regles et de traitement des decisions ; et (4) un service d'optimisation globale destine a fournir des fonctions de prise de decision. L'invention porte essentiellement sur la conception des trois premiers services qui, ensemble, coordonnent les ressources distribuees et les relie au composant prise de decision.

Legal Status (Type, Date, Text)

Publication 20010517 A1 With international search report.

Publication 20010517 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20010913 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Claims

Claim

... configuration and the dependency information for each resource at cluster startup or whenever a new resource or application is introduced in the cluster. A continuous **event notification** and heartbeat mechanisms are also needed for monitoring cluster-wide activities. Using these mechanisms, Mounties continuously monitors the cluster-wide events and compares the current...

...the resources to bring about the desired changes. These principles are illustrated in the following simple, but realistic example.

An Example

This exarriple involves a **cluster** of three **nodes** shown in Figure 1. Both Node,0 and Node- 1 have disk adapters that connect them to a shared disk which holds a database. Each...

12/5,K/34 (Item 32 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00758788 **Image available**

SERVICE LEVEL MANAGEMENT

GESTION DE NIVEAU DE SERVICE

Patent Applicant/Assignee:

APRISMA MANAGEMENT TECHNOLOGIES INC, 121 Technology Drive, Durham, NH 03824, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

LEWIS Lundy, 480 Greenville Road, Mason, NH 03048, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HENDRICKS Therese A (agent), Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200072183 A2-A3 20001130 (WO 0072183)

Application: WO 2000US14175 20000523 (PCT/WO US0014175)

Priority Application: US 99135492 19990524

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

International Patent Class: H04L-012/24; H04L-012/26

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 33247

English Abstract

Method and apparatus for service level management, wherein business processes are composed of services. A state of the service is defined by one or more service parameters, and the service parameters depend upon performance of network components that support the service, e.g., component parameters. The state of the service may depend, for example, on a collection of service parameter values for availability, reliability, security, integrity and response time. A service level agreement is a contract between a supplier and a customer that identifies services supported by a network, service parameters for the services, and service levels (e.g., acceptable levels) for each service parameter.

French Abstract

L'invention concerne un procede et un appareil de gestion de niveau de service ; les processus operationnels consistant en des services. Un etat du service est defini par un ou plusieurs parametres de service. Les parametres de service dependent des performances des composants du reseau acceptant ledit service, par exemple les parametres du composant. L'etat du service peut dependre, par exemple, d'un ensemble de valeurs de parametres de service en termes de disponibilite, de fiabilite, de securite, d'integrite et de temps de reponse. Un agrement de niveau de service est passe entre un fournisseur et un client, lequel agrement identifie les services acceptes par un reseau, les parametres de services destines aux services, et les niveaux de service (par exemple, les niveaux acceptables) pour chaque parametre de service.

Legal Status (Type, Date, Text)

Publication	20001130	A2 Without international search report and to be republished upon receipt of that report.
Examination	20010301	Request for preliminary examination prior to end of 19th month from priority date
Search Rpt	20010830	Late publication of international search report
Republication	20010830	A3 With international search report.
Search Rpt	20010830	Late publication of international search report
Correction	20020620	Corrected version of Pamphlet: pages 1/26-26/26, drawings, replaced by new pages 1/21-21/21; due to late transmittal by the receiving Office
Republication	20020620	A3 With international search report.

Fulltext Availability:

Claims

Claim

```
... CI?LLIoad(X) = high
and queued(X) = low
X = Server 1 1
and CPU load(X) = low
/ 26
Z3 fo
Service Agreement with X@Z  Server  Farm
Name
```

Address
Phone
Email

Policies

Availability
(select 90 - 1 00 %)
Response Time
(...band management
(EC and restricted customer access)

Multidomaln

Real-time, in-band management tj

I

EC access only) selected Alarm Correla: onj

events

Definition, Fault

Monitoring, and **Notificatio**

Control

Web of SLAs

Interface **Event** Mgmt., '

Reporting,

Discovery, Event Automated

2 Correlation Fault Repair

so so config

events a ts

Security Managemen Management of Inventory,

Control over of Network NT...

12/5,K/35 (Item 33 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00556310

METHOD AND SYSTEM FOR MANAGING STORAGE OF DATA

PROCEDE ET SYSTEME DE GESTION DU STOCKAGE DE DONNEES

Patent Applicant/Assignee:

RAYTHEON COMPANY,

Inventor(s):

DARNELL B Scott,

JENNINGS William T,

LENGEL Bradley D,

REDDY Praveen S,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200019683 A1 20000406 (WO 0019683)

Application: WO 99US21722 19990921 (PCT/WO US9921722)

Priority Application: US 98162372 19980928

Designated States: AE AL AM AT AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ

DE DE DK DK EE EE ES FI FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ

UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT

LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: H04L-029/06

International Patent Class: H04L-012/64

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 17044

English Abstract

A method of managing storage of data includes assigning one of a plurality of buffer pointers to a first frame of data and storing the first frame of data in a location in memory associated with the assigned buffer pointer. The method also includes determining whether the first frame of data is associated with a sequence of frames and storing the assigned buffer pointer in a first location if the first frame of data is

associated with a sequence of frames and a different location if the first frame of data is not associated with a sequence of frames. The method also includes, after storing the assigned buffer pointer, manipulating the first frame of data stored in the location in memory. The manipulation includes accessing the assigned buffer pointer.

French Abstract

L'invention concerne un procede permettant de gerer le stockage de donnees, qui consiste a attribuer un ou plusieurs pointeurs tampons a une premiere trame de donnees et a stocker ladite trame dans un emplacement de la memoire associe au pointeur tampon attribue. Le procede consiste egalement a determiner si la premiere trame de donnees est associee a une sequence de trames et a stocker le pointeur tampon dans un premier emplacement, dans le cas ou la premiere trame de donnees n'est pas associee a une sequence de trames. Le procede consiste en outre, apres le stockage du pointeur tampon attribue, a traiter la premiere trame de donnees stockee dans l'emplacement de la memoire. Le traitement comprend l'accès au pointeur tampon attribue.

Fulltext Availability: Detailed Description

Detailed Description

... until the last of the frame is received and cyclic redundancy check 36 verified, the extracted data is not considered complete and valid until that **event** occurs. This **indication** of frame validity is communicated to the input/output unit 24 for all extracted data. Input/output unit 24 is responsible for invalidating any extracted data that has been extracted from an errant sequence per the applicable error **policy** for the node.

Normally data has already been extracted and may be queued for transmission to the terminal 18. If queued, then the sequence may be deleted. If transmission has already in progress, then the current frame can be invalidated and the sequence aborted, according to what error **policy** is in effect. Some error **policies** in FC-PH allow for partial sequence delivery.

Thusf extraction/insertion unit 78 allows selective access to particular frames 22 based on frame type.

Therefore, data may be extracted from or written to selected portions of a frame that is transmitted isochronously between a **plurality** of **nodes**, including **nodes** that do not have read or write access to relevant slots 40 of frames 22. This enables isochronous transfer of information between nodes 12 in...

12/5,K/36 (Item 34 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00556299 **Image available**

METHOD AND SYSTEM FOR COMMUNICATING INFORMATION IN A NETWORK PROCEDE ET SYSTEME POUR TRANSMETTRE DES INFORMATIONS DANS UN RESEAU

Patent Applicant/Assignee:

RAYTHEON COMPANY,

Inventor(s):

DARNELL B Scott,
JENNINGS William T,
LENGEL Bradley D,
REDDY Praveen S,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200019672 A1 20000406 (WO 0019672)
Application: WO 99US21721 19990921 (PCT/WO US9921721)

Priority Application: US 98162317 19980928

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ
DE DE DK DK EE EE ES FI FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG
SI SK SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ
UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT
LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: H04L-012/64

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 18326

English Abstract

A communication system includes a plurality of network nodes including a first node having an interface unit. The interface unit includes a scheduler operable to schedule periodic transmission of a plurality of frames at respective designated times. Each of the plurality of frames includes a plurality of slots. The interface unit also includes an access system operable to designate which of the plurality of slots of a frame are accessible by each of the plurality of nodes and to access the designated slots.

French Abstract

L'invention concerne un systeme de communications qui comprend plusieurs noeuds de reseau, un premier noeud comportant une unite interface pourvue d'un programmeur permettant la programmation d'emission periodique de plusieurs trames a des temps donnees. Chaque trame comprend plusieurs tranches de temps, ladite unite interface presentant egalement un systeme d'accès concu a la fois pour designer celles des tranches de temps d'une trame qui seront accessibles pour chaque noeud et pour accéder aux tranches de temps designees.

Fulltext Availability:

Detailed Description

Detailed Description

... until the last of the frame is

received and cyclic redundancy check 36 verified, the extracted data is not considered complete and valid until that **event** occurs. This **indication** of frame validity is communicated to the input/output unit 24 for all extracted data. Input/output unit 24 is responsible for invalidating any extracted data that has been extracted from an errant sequence per the applicable error **policy** for the node.

Normally data has already been extracted and may be queued for transmission to the terminal 18. If queued, then the sequence may be deleted. If transmission has already in progress, then the current frame can be invalidated and the sequence aborted,, according to what error **policy** is in effect. Some error **policies** in FC-PH allow for partial sequence delivery.

Thus,, extraction/insertion unit 78 allows selective access to particular frames 22 based on frame type.

Therefore, data may be extracted from or written to selected portions of a frame that is transmitted isochronously between a **plurality** of **nodes**, including **nodes** that do not have read or write access to relevant slots 40 of frames 22. This enables isochronous transfer of information between nodes 12 in...

16/5,K/7 (Item 7 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00806973

METHOD AND APPARATUS FOR POLICY-BASED ALARM NOTIFICATION IN A DISTRIBUTED
NETWORK MANAGEMENT ENVIRONMENT
VERFAHREN UND GERAT ZUR VERFAHRENSBASIERTER ALARMMELDUNG IN EINER
VERTEILTER NETZWERKVERWALTUNGSUMGEBUNG
PROCEDE ET APPAREIL POUR NOTIFICATION D'ALARME BASEE SUR DES STRATEGIES DE
TYPES PREDETERMINEES DANS UN ENVIRONNEMENT DE GESTION DE RESEAU
DISTRIBUE

PATENT ASSIGNEE:

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TRACY, William, 60 Sleigh Road, Chelmsford, MA 01824, (US)

LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 818096 A1 980114 (Basic)
EP 818096 B1 020626
WO 9631035 961003

APPLICATION (CC, No, Date): EP 96909894 960329; WO 96US4332 960329

PRIORITY (CC, No, Date): US 412955 950329; US 558425 951116

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: H04L-012/24

CITED PATENTS (WO A): US 3434165 A ; US 5299334 A ; US 4578833 A ; US
5040546 A ; US 4506664 A ; US 1115794 A ; US 4738445 A ; US 5184363 A

CITED REFERENCES (EP B):

DATA COMMUNICATIONS, vol. 24, no. 1, 1 January 1995, pages 116-118,
XP000480825 JANDER M: "REAL DISTRIBUTED MANAGEMENT"
DATA COMMUNICATIONS, vol. 24, no. 1, 1 January 1995, page 119/120
XP000480826 JANDER M: "ROUNDING OUT THE ROSTER OF SNMP AGENTS"
PROCEEDINGS OF THE GLOBAL TELECOMMUNICATIONS CONFERENCE (GLOBECOM), SAN
FRANCISCO, NOV. 28 - DEC. 2, 1994, vol. 1 OF 3, 28 November 1994,
INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, pages 548-552,
XP000488606 KWANG-HUI LEE: "A DISTRIBUTED NETWORK MANAGEMENT SYSTEM"
PROCEEDINGS OF THE MILITARY COMMUNICATIONS CONFERENCE (MILCOM), LONG
BRANCH, NJ., OCT. 2 - 5, 1994, vol. 2 OF 3, 2 October 1994, INSTITUTE
OF ELECTRICAL AND ELECTRONICS ENGINEERS, pages 644-649, XP000505952
SCHLAERTH J P: "A CONCEPT FOR TACTICAL WIDE-AREA NETWORK HUB
MANAGEMENT";

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 001213 A1 Title of invention (German) changed: 20001024

Application: 961218 A International application (Art. 158(1))

Lapse: 031126 B1 Date of lapse of European Patent in a
contracting state (Country, date): AT
20020626, BE 20020626, CH 20020626, LI
20020626, DK 20020926, GR 20020626, NL
20020626, PT 20020926, SE 20020926,

Lapse: 030730 B1 Date of lapse of European Patent in a
contracting state (Country, date): AT
20020626, CH 20020626, LI 20020626, GR
20020626, NL 20020626, PT 20020926, SE
20020926,

Lapse: 030521 B1 Date of lapse of European Patent in a
contracting state (Country, date): AT
20020626, GR 20020626, NL 20020626, PT
20020926, SE 20020926,

Lapse: 030305 B1 Date of lapse of European Patent in a
contracting state (Country, date): AT

20020626, NL 20020626, SE 20020926,
Lapse: 021204 B1 Date of lapse of European Patent in a
contracting state (Country, date): SE
20020926,
Assignee: 020116 A1 Transfer of rights to new applicant: Aprisma
Management Technologies, Inc. (3854400) 121
Technology Drive Durham, NH 03824 US
Change: 010606 A1 Title of invention (French) changed: 20010418
Change: 010606 A1 Title of invention (English) changed: 20010418
Change: 010606 A1 Title of invention (German) changed: 20010418
Change: 001213 A1 Title of invention (English) changed: 20001024
Change: 001213 A1 Title of invention (French) changed: 20001024
Examination: 010613 A1 Date of dispatch of the first examination
report: 20010427
Grant: 020626 B1 Granted patent
Lapse: 030226 B1 Date of lapse of European Patent in a
contracting state (Country, date): NL
20020626, SE 20020926,
Lapse: 030514 B1 Date of lapse of European Patent in a
contracting state (Country, date): AT
20020626, GR 20020626, NL 20020626, SE
20020926,
Oppn None: 030618 B1 No opposition filed: 20030327
Lapse: 031112 B1 Date of lapse of European Patent in a
contracting state (Country, date): AT
20020626, CH 20020626, LI 20020626, DK
20020926, GR 20020626, NL 20020626, PT
20020926, SE 20020926,
Application: 980114 A1 Published application (A1with Search Report
;A2without Search Report)
Examination: 980114 A1 Date of filing of request for examination:
970919

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200226	908
CLAIMS B	(German)	200226	865
CLAIMS B	(French)	200226	989
SPEC B	(English)	200226	7113
Total word count - document A			0
Total word count - document B			9875
Total word count - documents A + B			9875

...SPECIFICATION the Invention

The present invention relates to alarm notification in a communications network and more specifically to a method and apparatus for receiving alarms from **multiple** network management **servers**, applying **policies** to those alarms and forwarding the alarms that conform to the **policies** to one or more network management applications, such as a telephonic alarm **notification** method and apparatus.

Background of the Invention

Spectrum(TM) is a model-based network management system, sold by Cabletron Systems, Inc., Rochester, New Hampshire, for...the SGs.

Summary of the Invention

The present invention is directed to an apparatus and method of alarm notification which includes: a) receiving alarms from **multiple** network management **servers**; b) assigning **policy**-based filters to associated network management applications; and c) applying the assigned **policy**-based filters to the alarms and for the alarms that pass the filters, generating an alarm **notification** forwarding the same to the associated network management applications.

In an embodiment described herein, a user designates a plurality of such filters, which constitute an...

...GUI) window display for a new SpectroPHONE(TM) application.

Detailed Description

The present invention is directed to an alarm notification manager which receives alarms from **multiple** network management **servers**, allows an unlimited number of filters to be defined within one **policy**, allows **policies** to be named and stored in a database, allows **policies** to be scheduled for different times, and allows the same **policy** to be applied to one or more network management applications.

As illustrated in Fig. 2, a live network 10 is connected by links 11 to ...capabilities into the telephonic alarm notification method allows for sophisticated filtering of the alarms via the policy administrator 170 and for monitoring of alarms from **multiple** network segment **servers**.

Fig. 17 shows a typical system architecture for the new SpectroPHONE(TM) application, which is an example embodiment of the telephonic alarm notification method and...

...CLAIMS 24), the policy comprising a plurality of filters and each filter including at least one filter parameter;

the alarm monitor receiving the alarms from the **plurality** of **servers** and applying the **policy** to the alarms to determine a critical alarm which passes at least one filter, and the alarm monitor sending to the at least one associated application (24) an alarm **notification** identifying the critical alarm and the at least one filter passed by the critical alarm.

2. The method of claim 1, including:
the associated applications...

16/5,K/9 (Item 9 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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100386702

A predictive access-controll and routing system for integrated services telecommunication networks

Prädiktives Zugriffssteuerungs- und Leitweglenkungssystem für Dienste integrierende Telekommunikationssnetzwerke

Système de commande d'accès predictive et système de routage pour réseaux de telecommunication a services integres

PATENT ASSIGNEE:

GTE LABORATORIES INCORPORATED, (274323), 1209 Orange Street, Wilmington Delaware 01901, (US), (applicant designated states:
BE; DE; FR; GB; IT; NL; SE)

INVENTOR:

Kheradpir, Shaygan, 131 Coolidge Avenue Apt. 122, Watertown, MA 02172, (US)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721), Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 386607 A2 900912 (Basic)

EP 386607 A3 920902

EP 386607 B1 970205

APPLICATION (CC, No, Date): EP 90103904 900228;

PRIORITY (CC, No, Date): US 321710 890310

DESIGNATED STATES: BE; DE; FR; GB; IT; NL; SE

INTERNATIONAL PATENT CLASS: H04Q-003/66; H04Q-003/00; H04M-003/36;

H04M-011/00;

CITED PATENTS (EP A): US 4669113 A; US 4284852 A; EP 258654 A; US 3536842 A ; W: 8/03763 A

CITED REFERENCES (EP A):

PROCEEDINGS OF NETWORK MANAGEMENT AND CONTROL WORKSHOP September 1989, TARRYTOWN (US) pages 389 - 413; KHERAPIDIR: 'PARS: A predictive access-control and routing strategy for real-time control of telecommunication networks'

ITC-10 ; SESSION 3.2, PAPER 3 June 1983, MONTREAL (CA) pages 1 - 8;

CAMERON ET AL: 'Dynamic routing for intercity telephone networks'

ITC-10 ; SESSION 3.2, PAPER 7 June 1983, MONTREAL (CA) pages 1 - 6;

KARSTAD ET AL: 'Centralized routing based on forecasts of the telephone traffic';

ABSTRACT EP 386607 A2

A predictive access-control and routing system for a telecommunications network operating in uncertain environments and capable of handling heterogeneous traffic. The system is a real-time, state-dependent network traffic control system in which the control strategy is a function of both real-time congestion levels and real-time traffic profiles. At specific time epochs, the system, using real-time measurements of source-destination arrival rates (110) and trunk group link occupancies (112), generates predictions of all network trunk group occupancy levels for the next epoch (114) as a function of routing and access control. It then minimizes a projected cost function, such as blocking (122, 124), to generate a traffic control policy (128) to be implemented during the next time interval. (see image in original document)

ABSTRACT WORD COUNT: 125

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 900912 A2 Published application (Alwith Search Report
;A2without Search Report)
Search Report: 920902 A3 Separate publication of the European or
International search report
Examination: 930421 A2 Date of filing of request for examination:
930224
Examination: 950531 A2 Date of despatch of first examination report:
950412
Grant: 970205 B1 Granted patent
Oppn None: 980128 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	3120
CLAIMS B	(English)	EPAB97	1058
CLAIMS B	(German)	EPAB97	1065
CLAIMS B	(French)	EPAB97	1177
SPEC A	(English)	EPABF1	9336
SPEC B	(English)	EPAB97	9123
Total word count - document A			12457
Total word count - document B			12423
Total word count - documents A + B			24880

...CLAIMS a percentage of predicted incoming traffic to each of said specified routes;

means to optimize said traffic control variables to minimize blocked traffic in the **event** of predicted overloads, thereby effecting an access and control **policy** for said network; and
means to implement said access and control **policy**.

11. The system of claim 10 wherein said time intervals are a function of the average holding time of traffic on said network.

12. The...

16/5,K/28 (Item 19 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00887115 **Image available**

A SYSTEM AND METHOD FOR MANAGING CLUSTERS CONTAINING MULTIPLE NODES

SYSTEME ET PROCEDE PERMETTANT DE GERER DES GRAPPES CONTENANT PLUSIEURS NOEUDS

Patent Applicant/Assignee:

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98004-1455, US, US (Residence), US (Nationality), (For all designated
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Priority Application: US 2000231451 20000908
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Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 7107

English Abstract

In clusters of multiprocessor systems it is important that these processor nodes are aware of each others availability and performance capabilities. In highly available systems using these multiprocessor systems there needs to be a method to dynamically bring nodes both into the cluster and to remove nodes out of the cluster. The processor node that is responsible for these actions is designated the manager node (50). The manager node has a pre-selected backup to assume this responsibility upon the inability of said manager node to fulfill its duties. To allow the cluster of nodes to communicate with each other efficiently there needs to be a distributed messaging system that allows for the rapid distribution of data messages among the cluster nodes.

French Abstract

Dans des grappes de systemes multiprocesseur, il est necessaire que des noeuds de processeurs soient informes de la disponibilite et des performances des autres noeuds. Un procede permettant a la fois d'ajouter des noeuds dans une grappe ou d'en supprimer dynamiquement est necessaire dans des systemes hautement disponibles utilisant des systemes multiprocesseur. Le noeud de processeur sensible a ces actions est appele noeud de gestion (50), et possede une copie de secours preselectionnee lui permettant d'assumer ses responsabilites lorsque le noeud de gestion ne peut pas jouer son role. Pour que les noeuds de la grappe communiquent efficacement entre eux, un systeme de messagerie distribuee permettant une distribution rapide des messages de donnees entres lesdits noeuds est necessaire.

Legal Status (Type, Date, Text)

Publication 20020314 A1 With international search report.

Fulltext Availability:

Detailed Description

Detailed Description

... cluster manager detects heartbeats are not being responded to by the original cluster 1 5 manager and then initiates itself as cluster manager. The backup **cluster** manager **notifies** the **clients** that it is becoming the cluster manager and then **notifies** other services that were running on the cluster manager to switch to the backup services that are running on the backup cluster manager. Since the backup cluster manager has open connections and heartbeats to all clients the transition is rapid. Upon completing this transition the new **cluster** manager informs all the **clients** of its new status and a new backup cluster manager is selected on the basis of **policy** information or other criteria.

The backup cluster manager is shut down for system maintenance. The cluster manager detects failed heartbeats and initiates the selection of ...

16/5,K/40 (Item 31 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00850661 **Image available**

**METHOD AND SYSTEM FOR MANAGING HIGH-AVAILABILITY-AWARE COMPONENTS IN A
NETWORKED COMPUTER SYSTEM**
**PROCEDE ET SYSTEME DE GESTION DE COMPOSANTS A HAUTE DISPONIBILITE DANS UN
SYSTEME INFORMATIQUE SUR RESEAU**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200184312 A2-A3 20011108 (WO 0184312)

Application: WO 2001US14121 20010502 (PCT/WO US0114121)

Priority Application: US 2000201098 20000502; US 2000201106 20000502; US
2000201099 20000502

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10072

English Abstract

The present invention describes a method and system for managing high-availability-aware components in a networked computer system. In particular, the method includes registering components and dynamically allocating roles and assignments to one or more of the registered components to achieve a desired level of redundancy based on component type information. The method may include an additional step of performing administrative actions on the registered components in response to a request from an external management agent in order to increase the availability of services provided by the high-availability-aware components. Further, the method may additionally include responding to an error by changing roles and assignments of one or more of the registered components, providing information to registered components so that related components may communicate to achieve a desired redundancy level, and/or maintaining additional information relevant to managing high-availability-aware components. Such additional information may include information regarding software release domains, component relationships, and/or protection groups.

French Abstract

La presente invention concerne un procede et un systeme de gestion de composants a haute disponibilite dans un systeme informatique sur reseau.

En particulier, ce procede consiste a enregistrer des composants et a attribuer de maniere dynamique des roles et des affectations a un ou plusieurs composants enregistres pour atteindre le niveau vise de redondance, sur la base des informations sur le type de composant. Ce procede peut comprendre une operation supplementaire qui consiste a realiser des actions administratives sur les composants enregistres en reponse a une demande emanant d'un agent de gestion externe afin d'augmenter la disponibilite des services fournis par les composants a haute disponibilite. Ce procede peut egalement consister a repondre a une erreur en changeant les roles et les affectations d'un ou de plusieurs composants enregistres, a fournir des informations aux composants enregistres de sorte que les composants connexes puissent communiquer et atteindre ainsi le niveau de redondance vise, et/ou a mettre a jour des informations supplementaires utiles pour la gestion des composants a haute disponibilite. Ces informations supplementaires peuvent contenir des informations relatives aux domaines de l'edition de logiciels, relations entre composants, et/ou groupes de protection.

Legal Status (Type, Date, Text)

Publication 20011108 A2 Without international search report and to be republished upon receipt of that report.
Examination 20020516 Request for preliminary examination prior to end of 19th month from priority date
Search Rpt 20030313 Late publication of international search report
Republication 20030313 A3 With international search report.
Republication 20030313 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Fulltext Availability:

Claims

Claim

... possible errors and recommend recovery actions received from an external source. The CRIM may also be programmed to consider the current cluster configuration and recovery **policies** in devising recovery procedures. >j 5 One example of recovery procedures involves switching a secondary component to a primary role in order to replace a...types have frequent communication or coordination patterns. The elose inter-assignment interaction may make it impossible or inefficient to run components implementing these assignments in **different nodes** for many reasons, including a potential overhead of a cluster-wide communication. Thus, it may be Id 5 desirable to co-locate such assignments by...

16/5,K/60 (Item 51 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00766059 **Image available**

QUERY INTERFACE TO POLICY SERVER

INTERFACE D'INTERROGATION VERS SERVEUR DE REGLES

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200079434 A1 20001228 (WO 0079434)

Application: WO 2000US17078 20000621 (PCT/WO US0017078)

Priority Application: US 99140417 19990622

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Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 54190

English Abstract

A scalable access filter that is used together with others like it in a virtual private network to control access by users at clients in the network to information resources provided by servers in the network. Each access filter use a local copy of an access control data base (3845) to determine whether an access request is made by a user. Each user belongs to one or more user groups and each information ressource belongs to one or more information sets. Access is permitted or denied according to access policies which define access in terms of the user groups and information sets. The first access filter in the path performs the access check, encrypts and authenticates the request; the other access filters in the path do not repeat the access check. The interface used by applications to determine whether a user has access to an entity is now an SQL query. The policy server (3811) assembles the information needed for the response to the query from various information sources, including source external to the policy server.

French Abstract

L'invention concerne un filtre d'accès scalaire utilise avec d'autres filtres similaires dans un reseau prive virtuel afin de controler l'accès des utilisateurs a des clients du reseau pour obtenir des ressources d'informations fournies par des serveurs sur le reseau. Chaque filtre d'accès utilise une copie locale d'une base de donnees de controle d'accès (3845) pour determiner si la demande d'accès est effectuee par un utilisateur. Chaque utilisateur appartient a au moins un groupe d'utilisateurs et chaque ressource d'informations appartient a au moins un ensemble d'informations. L'accès est autorise ou refuse en fonction des politiques d'accès qui definissent l'accès en terme des groupes d'utilisateurs et des ensembles d'informations. Le premier filtre d'accès dans la voie effectue la verification d'accès, decrypte, et authentifie la demande, les autres filtres d'accès dans la voie ne repetent pas la verification d'accès. L'interface utilisee par les applications pour determiner si un utilisateur a acces a une entite est alors une demande SQL. Le serveur de regles (3811) assemble les informations requises pour la reponse a la demande emanant de plusieurs sources d'informations, y compris une source externe audit serveur.

Legal Status (Type, Date, Text)

Publication 20001228 A1 With international search report.
Examination 20010802 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Claims

Claim

... 217
121
LOS
ANGELES1 CHICAG'O-r@@@ PAR 'IS NEW Y
ACCESS FILTER ACCESS FILTER ACCESS FILTER AC
2Wa 203(b) 2 0 31c1
MASTER POLICY BACKUP POLICY REPORT
MANA ER MA A ER MA AGER
213(i) @@ -, @ 215(i) 1206 @- 207 209
...ml 2QM
De fft-- C, in
301 301 CLIENTS SERVER
Fr 7- INFORMATION SET 2190)
ffwt- 219(k)

1% Query against the current page
Function ConclavePolicyAllowed
dsn = "ConclavePolicyServer" 4003
dbuser = "anyone"
dbpass = "anything"
'default to not allowed
ConclavePolicyAllowed = v, No" 4005
'Get...

16/5,K/61 (Item 52 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00743927 **Image available**

A NETWORK RESOURCE ADMINISTRATION SERVER FOR PROVISIONING SERVICES OVER A NETWORK

SERVEUR D'ADMINISTRATION DE RESSOURCE DE RESEAU PERMETTANT DE FOURNIR DES SERVICES SUR UN RESEAU

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200057296 A1 20000928 (WO 0057296)

Application: WO 2000US7577 20000323 (PCT/WO US0007577)

Priority Application: US 99126017 19990323

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK

DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

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International Patent Class: G06F-015/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 18122

English Abstract

An automatic network resource administration server permits automatic provisioning of network elements based on a user's service request. Rules inheritance and just-in-time expansion enables memory requirements in network elements to be minimized and enables automatic provisioning and administration of huge network. The network resource administration server automatically translates user service requests into a form understandable by one of the specialist or network equipment. The network resource administration contains a core NRAS Manager (170) that includes a core director (60) of all services and multiple Zone Service Managers (50), with each ZSM controlling a physical piece of the network indicated as a particular zone.

French Abstract

L'invention concerne un serveur d'administration de ressource de reseau qui permet de fournir automatiquement, sur un reseau, des elements en fonction d'une demande de service d'un utilisateur. Grace a l'heritage de regles et a une expansion juste a temps, la capacite de memoire des elements du reseau peut etre reduite et un reseau de dimensions

considerables peut etre approvisionne. Le serveur d'administration de ressource de reseau traduit automatiquement les demandes de service des utilisateurs sous une forme comprehensible, soit par un specialiste, soit par l'equipement de reseau. Le serveur d'administration de ressource de reseau contient un gestionnaire (170) comportant un directeur central (60) de tous les services et plusieurs gestionnaires de service de zone (50) qui commandent chacun une partie physique du reseau, signalee comme zone particuliere.

Legal Status (Type, Date, Text)

Publication 20000928 A1 With international search report.

Examination 20001207 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Claims

Claim

... additional step of
removing the rules from a network element when the service has been completed.

59 A method of simplifying rules administration in a **policy** based network, comprising the steps of
a. defining a template rule for at least one level of a rules hierarchy,
b. defining a template rule for at least one level of a rules hierarchy...

ATM Drivers Other WAN drivers

SUBSTITUTE SHEET (RULE 261)

/27

FIG5 9

CCA User to IP Address Mapping Flowchart

500

User mapping requested

by **policy** entity for IP address x

50

s t 501

urrent user Yes s t e curren Ye

ID associated with ID mapping

P address x...FIGI 24

Service Broker - Service Automation

Layer in the Network

450

Service Definition

Business Models Applicat ons

Content Relationships

Cn NMS Departments WorkStation

ersons

Cn **Groups Servers**

j

M 451

W

X

M Cornice NetDynaMOTM

IL-A

Service Broker

PC

M

Phone oil

s lADs P

Video DiffServ Bandwidth Broker Por s...

16/5,K/64 (Item 55 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00576300 **Image available**

METHOD AND APPARATUS FOR THE DYNAMIC FILTERING AND ROUTING OF EVENTS

PROCEDE ET APPAREIL DE FILTRAGE ET D'ACHEMINEMENT DYNAMIQUE D'EVENEMENTS

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200039673 A1 20000706 (WO 0039673)

Application: WO 99US31113 19991229 (PCT/WO US9931113)

Priority Application: US 98224482 19981231

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ

BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT

SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-009/44

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9971

English Abstract

A method of routing a subscription request defined by an event filter (510). The method includes parsing (610) the event filter (510) into an evaluation tree having at least one subexpression, locating the at least one subexpression (520) and determining (530) if the at least one subexpression includes a node (110) specific field. If the at least one subexpression (520) includes a node (110) specific field, the method includes creating a list (540) of nodes and event manager (310) contact information and transmitting the subscription request to at least one event manager (310) located on a node (110) that is included on a list (540) of nodes (110).

French Abstract

L'invention concerne un procede d'acheminement d'une demande d'abonnement definie par un filtre (510) d'evenements. Ledit procede consiste a decomposer (610) le filtre (510) d'evenements en un arbre d'evaluation comportant au moins une sous-expression; a localiser ces sous-expressions (520); et a determiner (530) si les sous-expressions comportent un champ specifique de noeud (110). Si les sous-expressions (520) comportent un champ specifique de noeud (110), le procede consiste a creer une liste (540) de noeuds et d'informations de contact du gestionnaire (310) d'evenements; et a transmettre la demande d'abonnement a un gestionnaire (310) d'evenements au moins se trouvant au niveau d'un noeud (110) faisant partie de la liste (540) de noeuds (110).

Fulltext Availability:

Detailed Description

Detailed Description

... system receives, for example, event messages from compatible point products within the enterprise. As shown in FIG. I, the enterprise I 00 may include a **plurality** of **nodes** 110, 120, 130 which may, for example, be connected by a network (not shown). A node is, for example, a physical box such as a...

...invention, a node may be a personal computer having a compatible point product installed on it. In an exemplary embodiment of the present invention, the **event** management system 140 manages **events** on the nodes 110, 120, 130 where the **events** are generated, minimizing the movement of data on the network and keeping actions such as evaluation, reporting and automated correction of data close to the...

00546706 **Image available**

**ENVIRONMENT EXTENSIBILITY AND AUTOMATIC SERVICES FOR COMPONENT APPLICATIONS
USING CONTEXTS, POLICIES AND ACTIVATORS
POSSIBILITE D'EXTENSION D'ENVIRONNEMENT ET SERVICES AUTOMATIQUES POUR
APPLICATIONS PARTIELLES PAR L'UTILISATION DE CONTEXTES, DE POLITIQUES
ET D'ACTIVATEURS**

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Patent and Priority Information (Country, Number, Date):

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Main International Patent Class: G06F-009/44

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 18911

English Abstract

An object system provides composable object execution environment extensions with an object model that defines a framework with contexts, policies, policy makers and activators that act as object creation-time, reference creation-time and call-time event sinks to provide processing of effects specific to the environment extensions. At object creation time, an object instantiation service of the object system delegates to the activators to establish a context in which the object is created. The context contains context properties that represent particular of the composable environment extensions in which the object is to execute. The context properties also can act as policy makers that contribute policies to an optimized policy set for references that cross context boundaries. The policies in such optimized sets are issued policy events on calls across the context boundary to process effects of switching between the environment extensions of the two contexts.

French Abstract

La presente invention concerne un systeme objet presentant des extensions d'environnement d'execution objet composables avec un modele objet definissant une trame au moyen de contextes, de politiques, de decideurs, et d'activateurs se comportant comme des collecteurs d'evenements d'instant de creation objet, d'instant de creation de reference, et d'instant d'appel, de facon a assurer un traitement d'effets specifique des extensions d'environnement. A l'instant de creation objet, un service d'instanciation objet du systeme objet donne des delegations aux activateurs de facon a etabliir un contexte dans lequel se cree l'objet. Le contexte presente des proprietes de contexte qui representent des particularites des extensions d'environnement composables dans lequel doit s'executer l'objet. Les proprietes de contextes peuvent egalement se comporter comme des decideurs fournissant des politiques a un ensemble optimise de politiques dans le cas de reference depassant les limites du contexte. Les politiques de tels ensembles optimises sont des evenements politiques produits se rapportant a des appels depassant les limites de contexte, de facon a traiter des effets de commutation entre les extensions d'environnement de deux

contextes.

Fulltext Availability:

Detailed Description

Detailed Description

... the virtual address spaces of different processes or computers). Instead, the wrapper 184 simply performs processing for the context switch, such as by issuing context **events** to the **policies** 180. In the case where the client and server component application objects 190, 192 are in different apartments or processes (i.e., a cross-apartment...

16/5,K/72 (Item 63 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00450523 **Image available**

METHOD AND APPARATUS FOR MANAGING INTERNETWORK AND INTRANETWORK ACTIVITY
PROCEDE ET APPAREIL DE GESTION DE L'ACTIVITE INTERRESEAU ET INTRARESEAU

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GRIEVE Mark G,
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ALLISON Robert C,
NIKKEL Michael S,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9840987 A1 19980917

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Priority Application: US 9740424 19970311; US 97825775 19970402

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ
VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH
DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR
NE SN TD TG

Main International Patent Class: H04L-012/24

International Patent Class: H04L-29:06

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 49529

English Abstract

In accordance with the present invention, a network management program (80) is provided that manages the communication of data packets between an intranetwork (44) and an internetwork (40). An operator of a computer connected to the intranetwork (44) inputs vital information regarding users of computers connected to the intranetwork (44), mapping information regarding computers connected to the intranetwork (44), and policies to be applied against those users and computers, using a graphical user interface (GUI 70). The GUI (70) communicates the vital user information, mapping information and policies to a database (72) which stores and organizes the vital user information, mapping information and policies. A filter executive (76) optimizes the policies stored in the database (72) into a set of rules for each user and passes the rules to a filter engine (78). The filter engine (78) filters all outbound data packets transmitted from the intranetwork (44) to the internetwork (40) and verifies all inbound data packets from the internetwork (40) according to the rules provided by the filter executive (76). The filter executive (76) also communicates the mapping information stored in the database (72) to a naming service manager (74) which

further updates the mapping information and returns the updated mapping information to the filter executive (76). Consequently, the filter executive (78) filters the data packets according to the most recent mapping information.

French Abstract

Ce programme de gestion (80) de reseau gere la transmission de paquets de donnees entre un intrareseau (44) et un interreseau (40). A l'aide d'une interface utilisateur graphique (IUG) (70) un operateur d'un ordinateur connecte a l'intrareseau (44) entre des informations vitales concernant les utilisateurs d'ordinateurs connectes a l'intrareseau (44), des informations de mappage relatives aux ordinateurs connectes a l'intrareseau (44) et les mesures appliquees a l'encontre des utilisateurs et ordinateurs. L'IUG (70) communique les informations vitales concernant les utilisateurs, les informations de mappage et les mesures a une base des donnees (72) qui stocke et organise toutes ces informations. Un superviseur (76) de filtre optimise les mesures stockees dans la base de donnees (72) sous forme d'un ensemble de regles destinee a chaque utilisateur puis les envoie dans un moteur (78) de filtre. Ce dernier (78) filtre tous les paquets de donnees a destination de l'exterieur et envoyes de l'intrareseau (44) a l'interreseau (40) et verifie tous les paquets de donnees a destination de l'interieur et provenant de l'interreseau (40) en fonction des regles etablies par le superviseur (76) de filtre. Ce dernier (76) communique egalement les informations de mappage stockees dans la base de donnees (72) a un gestionnaire (74) de service de denomination qui actualise encore les informations de mappage et renvoie ces informations actualisees au superviseur (76) de filtre, lequel filtre, en consequence, les paquets de donnees sur la base des informations de mappage les plus recentes.

Fulltext Availability:
Detailed Description

Detailed Description

... wherein:

FIGURE 1 (Prior Art) is a block diagram of a representative portion of the Internet;
FIGURE 2 is a pictorial diagram of a **plurality** of client **computers** and **servers** interconnected to form a local area network (LAN) as that typically connected to the Internet as shown in FIGURE 1;
FIGURE 3A is a schematic...regarding the user of each computer connected to the LAN shown in FIGURE 2, mapping information regarding each such user to each such computer, and **policy** information to be applied against each such user;
FIGURE 7A through 7C are a flow chart illustrating the logic used by the GUI to process the vital, mapping and **policy** information input via the main window shown in FIGURE 6;
FIGURES 8A through 8Q are various other windows produced by the GUI for inputting vital, mapping and **policy** information;
FIGURES 9A through 9D are block diagrams illustrating a plurality of tables stored by a database component of the network management program for organizing the vital, mapping and **policy** information provided by the GUI;
FIGURES 10A and 10B are a flowchart illustrating the logic used to update protocol **policy** tables stored in the database;
FIGURES 11A and 11B are a flowchart illustrating the logic used to update file type **policy** tables in the database;
FIGURE 12 is a flowchart illustrating the logic used to update site **policy** tables in the database;
FIGURES 13A and 13B are a flowchart illustrating the logic used to update quota tables in the database;
FIGURE 14 is a flowchart illustrating the logic used to build a user

policy

table in the database;

FIGURES 15A through 15C are a flowchart illustrating the logic used by a filter executive component of the network management program to process and optimize the vital, mapping and **policy** information stored in the database; FIGURE 16 is a flowchart illustrating the logic used by the filter executive to initialize a filter engine component of...

...FIGURE 17 is a block diagram illustrating a plurality of rule sets defined by the filter executive of the network management program based on the **policy**

information stored in the database;

FIGURE 18 is a flowchart illustrating the logic used to define a set of rules, including corporate rules, global network...communicated between the Internet shown in

FIGURE 1 and the LAN shown in FIGURE 2;

FIGURE 27 is a flowchart illustrating the logic used to **notify** users of the computers connected to the LAN shown in FIGURE 2 of actions taken by the filter

engine;

FIGURE 28A is a block diagram...

16/5,K/79 (Item 70 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00348522 **Image available**

METHOD AND APPARATUS FOR POLICY-BASED ALARM NOTIFICATION IN A DISTRIBUTED NETWORK MANAGEMENT ENVIRONMENT

PROCEDE ET APPAREIL POUR SIGNAL D'ALARME DE TYPE POLICIER DANS UN ENVIRONNEMENT DE GESTION DE RESEAU REPARTI

Patent Applicant/Assignee:

CABLETRON SYSTEMS INC,

Inventor(s):

POLQUIN Lynn R,
ARROWSMITH Russell,
LEWIS Lundy,
TRACY William,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9631035 A1 19961003

Application: WO 96US4332 19960329 (PCT/WO US9604332)

Priority Application: US 95412955 19950329; US 95558425 19951116

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB

GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL

PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AM AZ

BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: H04L-012/24

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9197

English Abstract

Apparatus and method for receiving alarms from **multiple** network management **servers** (12) and applying a plurality of **policy** -based filters (18) to the alarms. The filters may be named and stored in a database (16), and application of the **policy** -based filters may be scheduled for different times. The same **policy** -based filters may be applied to one or more multiple network management applications (24). The invention allows greater control over which alarms get reported to network management applications and provides a means to ensure consistency of reported alarms across multiple network management applications. A telephonic alarm **notification** method and apparatus incorporates the **policy** -based filters and the capability to process

alarms from **multiple** network segment **servers** so that users can be accurately **notified** of critical alarms generated in large and complex communications networks, via a public communications system.

French Abstract

Cette invention concerne un appareil et un procede qui permettent de recevoir des signaux d'alarme provenant de multiples serveurs (12) de gestion de reseau, et qui font passer ces signaux d'alarme par plusieurs filtres (18) de type policier. Ces filtres peuvent etre nommes et stockes dans une banque de donnees (16), tandis que le passage par les filtres de type policier peut etre programme pour des moments distincts. Ces memes filtres de type policier peuvent servir dans une ou plusieurs applications (24) multiples de gestion de reseau. Cette invention permet de mieux controler quels sont les signaux d'alarme qui sont envoyes aux applications de gestion de reseau, et comprend un systeme permettant de s'assurer de la pertinence des signaux d'alarme emis dans differentes applications de gestion de reseau. Cette invention concerne egalement un procede et un appareil pour signal d'alarme telephonique, lesquels font appel auxdits filtres de type policier et permettent de traiter les signaux d'alarme provenant de differents serveurs de segments de reseau, de sorte que les usagers puissent etre avertis avec precision et par l'intermediaire d'un systeme de communication public en cas d'alarmes critiques dans des reseaux de communication complexes et importants.

Fulltext Availability:
Detailed Description
Claims

English Abstract

Apparatus and method for receiving alarms from **multiple** network management **servers** (12) and applying a plurality of **policy**-based filters (18) to the alarms. The filters may be named and stored in a database (16), and application of the **policy**-based filters may be scheduled for different times. The same **policy**-based filters may be applied to one or more multiple network management applications (24). The invention allows greater control over which alarms get reported to network management applications and provides a means to ensure consistency of reported alarms across multiple network management applications. A telephonic alarm **notification** method and apparatus incorporates the **policy**-based filters and the capability to process alarms from **multiple** network segment **servers** so that users can be accurately **notified** of critical alarms generated in large and complex communications networks, via a public communications system.

Detailed Description
... the Invention

The present invention relates to alarm notification in a communications network and more specifically to a method and apparatus for receiving alarms from **multiple** network management **servers**, applying **policies** to those alarms and forwarding the alarms that conform to the **policies** to one or more network management applications, such as a telephonic alarm **notification** method and apparatus.

Background of the Invention

SpectruMTM is a model-based network management system, sold by Cabletron Systems, Inc., Rochester, New Hampshire, for maintaining and...the network.

Summary of the Invention

The present invention is directed to an apparatus and method of alarm notification which includes: a) receiving alarms from **multiple** network management **servers**; b) assigning **policy**-based filters to associated network management applications; and c) applying the assigned **policy**-based filters to the alarms and for the alarms that pass the filters, generating an alarm **notification** forwarding the same to the associated network management applications.

In an embodiment described herein, a user designates a plurality of such

File 275:Gale Group Computer DB(TM) 1983-2004/Jan 20
(c) 2004 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Jan 20
(c) 2004 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2004/Jan 20
(c) 2004 The Gale Group
File 16:Gale Group PROMT(R) 1990-2004/Jan 20
(c) 2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2004/Jan 20
(c)2004 The Gale Group
File 624:McGraw-Hill Publications 1985-2004/Jan 21
(c) 2004 McGraw-Hill Co. Inc
File 15:ABI/Inform(R) 1971-2004/Jan 21
(c) 2004 ProQuest Info&Learning
File 647:CMP Computer Fulltext 1988-2004/Jan W2
(c) 2004 CMP Media, LLC
File 674:Computer News Fulltext 1989-2004/Jan W2
(c) 2004 IDG Communications
File 696:DIALOG Telecom. Newsletters 1995-2004/Jan 15
(c) 2004 The Dialog Corp.
File 369:New Scientist 1994-2004/Jan W2
(c) 2004 Reed Business Information Ltd.
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 610:Business Wire 1999-2004/Jan 21
(c) 2004 Business Wire.
File 613:PR Newswire 1999-2004/Jan 21
(c) 2004 PR Newswire Association Inc

Set	Items	Description
S1	6892693	COMPUTERS OR PCS OR NODES OR TERMINALS OR WORKSTATIONS OR - WORK()STATIONS OR CLIENTS OR SERVERS
S2	475287	(MULTIPL? OR PLURAL? OR SEVERAL OR MANY OR VARIOUS OR NUME- ROUS OR VARIET? OR RANGE? ? OR ASSORTMENT OR ASSORTED OR SERI- ES OR GROUP????? OR CLUSTER???? OR COLLECTION? ? OR FAMILY OR FAMILIES OR DIFFERENT OR FARM) (5W)S1
S3	7147	SERVER()FARM OR WEBFARM? ? OR WEB()FARM? ?
S4	4391679	POLICY OR POLICIES OR RULE OR RULES OR GUIDELINE? ?
S5	4284955	EVENT? ? OR ALERT??? OR NOTICE? ? OR NOTIFIE? ? OR NOTIFY?- ?? OR NOTIFICATION? ?
S6	127515	(EVENT? ? OR OCCURR? OR HAPPEN?) (5N) (NOTIF? OR NOTICE? ? OR ALERT??? OR INFORM??? OR WARN??? OR TELL??? OR SIGNAL??? OR - INDICAT? OR ANNOUNC??? OR (LET? ? OR LETTING) (3W)KNOW)
S7	697	S2:S3(S)S4(S)S5:S6
S8	1340	S2:S3(50N)S4(50N)S5:S6
S9	2854907	POLICY OR POLICIES
S10	423	S2:S3(S)S9(S)S5:S6
S11	792	S2:S3(50N)S9(50N)S5:S6
S12	16	S2:S3(S)S9(S)S6
S13	55	S2:S3(50N)S9(50N)S6
S14	68	S12:S13
S15	36	RD (unique items)
S16	107	S3(30N)S9
S17	53	RD (unique items)
S18	36	S17 NOT PD>20001026

18/9/8 (Item 1 from file: 621)
DIALOG(R) File 621:Gale Group New Prod.Annou.(R)
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02656566 Supplier Number: 65475102 (THIS IS THE FULLTEXT)
**e-Site Network Automatic Fault Correction Now Possible With CyberPilot;
Intelligent Fault Detector & Performance Manager From CyberIQ Systems.**

Business Wire, p2156

Sept 26, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 761

TEXT:

Business Editors & High Tech Writers

NetWorld Interop Atlanta 2000

ATLANTA--(BUSINESS WIRE)--Sept. 26, 2000

CyberIQ Systems, a global provider of Internet traffic and content management solutions, today introduced CyberPilot(TM) at the Networld+Interop 2000 Conference & Exhibition. CyberPilot is an industry first! It is the first product to provide a predictive network policy platform capable of automatically detecting and anticipating subtle performance problems in e-sites, while at the same time proactively correcting them through intelligent, fine-grain and real-time control of high-performance load balancing switches.

Specifically, CyberPilot automatically analyzes e-site and network performance data such as static/dynamic Web transaction latencies and resource-based data collected by CyberIQ's intelligent agents. This new product uses novel "objective-driven" anomaly detection algorithms to forecast and detect anomalies (performance degradations) in real time, including latency-based anomalies, service-level and performance-level violations, datagram storms, resource overscription, SYN flood attacks and application overload. In addition, CyberPilot automatically and proactively corrects the detected e-site anomalies and problems through decision/policy based traffic control and re-direction before anomalies escalate into service failures and interruptions.

Intelligent Fault Detector & Performance Manager

With CyberPilot, network and site administrators can define the desired performance level (PL) of their Web sites and datacenters and let CyberPilot take over the task of automatically and dynamically maintaining and optimizing the performance of these datacenters. This in turn guarantees the online experience of the users of Web sites and datacenters in real time. Furthermore, CyberPilot is capable of sophisticated capacity planning that anticipates the resource requirements of Web sites as they grow and evolve.

"For the first time ISP, COLO and complex e-site management can rely on an intelligent system to identify and automatically mitigate problems before they impede system functionality and degrade end user experience," explains Dr. Lawrence Ho, vice president and CTO of CyberIQ Systems. "CyberPilot goes beyond the mere analysis and reporting of anomalous threats to e-site and network integrity by the instantaneous implementation of corrective action without the need for real-time operator intervention."

According to Jerald Murphy, vice president of global networking strategies, META Group, "Network performance is essential for successful eBusiness applications. As eBusinesses look to improve the end user quality of experience, service providers will find it increasingly important to correlate network systems, and application performance metrics to ensure high service levels."

CyberPilot's layer 4 automatic system management functionality is the first practical application of what industry observers and research scientists have called the need for "self-healing, closed-loop policy engines" to improve e-site and network performance.

CyberPilot is designed for complex, medium-to-large ISPs, COLOs, e-sites and networks using one server farm location. CyberPilot 1.0 is compatible only with CyberIQ's HyperFlow3 load balancer, but subsequent 2.0 versions will be interoperable with all CyberIQ and third party devices which have an SNMP agent. CyberPilot is currently in beta site testing at SK Telecom and freeship.com and is scheduled to be available for shipment in October.

CyberPilot Technology

CyberPilot is based on Network Service Anomaly Detection software (NSAD), a proprietary technology developed jointly by CyberIQ Systems and Bell Labs, the R & D unit of Lucent Technologies. Through statistical and algorithmic analyses, NSAD enables CyberPilot to retrieve relevant operational data from servers, switches, routers, probes, etc. to build system-specific models of the optimum performance of each individual e-site or network in which it is installed. CyberPilot automatically determines and recognizes 'normal' performance, even as 'normal' may change over time, and is then equipped to proactively identify and correct system anomalies in advance of their impact on end users.

"For example, CyberPilot helps ensure high performance and availability by signaling to a HyperFlow3 switch not to accept any more connections and avoid server overload," says John Maddison, CyberIQ's vice president of marketing. "Such automatic detection and correction capability enhances e-Site reliability by automating the increasingly complex task of direct system management by over-extended real-time operators."

CyberPilot is a trademark of CyberIQ Systems, Inc., a global provider of Internet traffic and content management (iTCM) solutions. CyberIQ develops and markets increasingly intelligent application-specific solutions that accelerate and automate e-sites.

About CyberIQ

Headquartered in San Jose, California, CyberIQ is shipping three major products based on its switching and content processing architecture. HyperFlow3 provides scalable, highly available e-sites. It also features a multi-level clustering architecture and a specialized media pipe for fast rich media downloads. HyperWAN(TM) uses network-aware global traffic distribution techniques to enable efficiently mirrored e-sites. HyperCommerce(TM) provides fast and reliable e-commerce transactions. It uses multiprocessing technology to scale SSL acceleration and process transactions at the content-level. The Company's Web site is at www.cyberIQsys.com.

18/3,K/1 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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02434828 SUPPLIER NUMBER: 64827597 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Latest security products. (News Briefs)

Communications News, 37, 8, 86

August, 2000

ISSN: 0010-3632 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1797 LINE COUNT: 00159

... server density allows Provider-1 2000 to manage 200 customers on a single management server. Additional Provider-1 servers can be linked into a management **server farm** to enforce **policies** on thousands of sites with a single management view. Additional enhancements include automated backup and restore of **policies**, remote updating of enforcement software and integrated VPN. QoS enables prioritization of VPN and other mission-critical applications.-Check Point Software Technologies
www.checkpoint.com...

18/3,K/2 (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

02421024 SUPPLIER NUMBER: 63802302 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Load-balancing technology helps performance-marketing company Be Free

rapidly scale its infrastructure without breaking the bank. -- Loading Up: High-Speed Transaction Processing on the Internet. (Company Business and Marketing)

Golick, Jerry

Network Magazine, 66

August 1, 2000

ISSN: 1093-8001 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3160 LINE COUNT: 00258

... to Be Free's scalable environment.

Typically, a load-balancing server is a standalone, hardware/software box that sits between a router and an internal **server farm**. It directs incoming traffic to an appropriate server, based on **policies** configured by an administrator. These **policies**, or rules, tell the load balancer how to select the most appropriate application server for a specific request. For example, a simple rule might be...response to this need is its new Envoy product, which turns geographically dispersed server farms into a single, usable cluster. This means that load-balancing **policies** can be tuned to direct an incoming request to the **server farm** that is geographically closest to the user sending the request.

Be Free is currently evaluating the Envoy product and will likely implement it when its...

18/3,K/3 (Item 3 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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02418158 SUPPLIER NUMBER: 63330501 (USE FORMAT 7 OR 9 FOR FULL TEXT)

ADSL: Fixing the Missing Segment. (Technology Information)

Zimmerman, Michael

Telecommunications, 34, 6, 55

June, 2000

ISSN: 0278-4831 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1598 LINE COUNT: 00130

... fast and cost effective. In IP networking, all intelligence is delegated to the edge--sometimes even to the hosts themselves--or to application servers executing **policy** management, directory management, call control and user profiles. Multiple vendors are offering voice gateways and next-gen switches in which intelligence is stripped from the

equipment and delegated to a **server farm**. Standards are being shaped in this direction and the Multiservice Switching Forum is devising an architecture that calls for the same paradigm in the ATM...

18/3,K/4 (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02399057 SUPPLIER NUMBER: 61952608 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Switch Manages Pipes.(Product Announcement)
Zimmerman, Christine
InternetWeek, 12
May 8, 2000
DOCUMENT TYPE: Product Announcement ISSN: 1096-9969 LANGUAGE:
English RECORD TYPE: Fulltext
WORD COUNT: 254 LINE COUNT: 00024

... control software, this week at Networld + Interop.
The bandwidth-management feature gives IT managers the ability to control and account for bandwidth use by client, **server farm**, application, user class or type of content, the vendor said. This gives IT the ability to enforce bandwidth utilization and **policies**, and enforce contracts guaranteeing specific amounts of bandwidth.
Beta tester d'Mitri DeVos, manager of system operations for Computer.com, an online service that educates...

18/3,K/5 (Item 5 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02395458 SUPPLIER NUMBER: 61953230 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Check Point Readies Managed Security Upgrade -- PROVIDER-1 2000 LETS ADMINISTRATORS REPLICATE SECURITY POLICIES AUTOMATICALLY.(Product Announcement)
Hulme, George V.
InformationWeek, 34
May 1, 2000
DOCUMENT TYPE: Product Announcement ISSN: 8750-6874 LANGUAGE:
English RECORD TYPE: Fulltext
WORD COUNT: 322 LINE COUNT: 00031

... We will be increasing that number in the future," he says. However, Schooler says, multiple Provider-1 2000 servers also can be linked into a **server farm** and scaled to manage hundreds of customer **policies** at thousands of sites through a single management view.
Kimberly Price, senior VP of product marketing for Telenisus Corp., says the Rolling Meadows, Ill., service...

18/3,K/6 (Item 6 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02344727 SUPPLIER NUMBER: 57006670 (USE FORMAT 7 OR 9 FOR FULL TEXT)
LAYER 3 GIGABIT ETHERNET SWITCHES.(Buyers Guide)
MILES, J.B.
Government Computer News, 18, 35, 33
Oct 25, 1999
DOCUMENT TYPE: Buyers Guide ISSN: 0738-4300 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 2542 LINE COUNT: 00400

... level QoS, full MON/RMON2
management
www.cabletron.com on every port, multicast routing;

hot-swappable
interface modules
Same

nd Same designed mainly for workgroup a
server farm
load-balancing
Policy
management,
prioritization and congestion contro
l;
multicast
control; VLAN switching; multiple
load-trunks and
www.extremenetworks...

18/3,K/7 (Item 7 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02138672 SUPPLIER NUMBER: 20209875
New tools help server farms blossom. (Seagate Software's Web server farm management) (Company Operations)
Freeman, Eva
Datamation, v44, n2, p86(3)
Feb, 1998
ISSN: 0011-6963 LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT: Seagate Software uses its own Manage Exec software as well as commercial products to manage its Web server farms. The company determined that its Web **server farm** management tools needed to support virtual network management of servers in different geographic locations, and they had to work with the company's existing network management and security **policies**. They also had to be easy to learn and implement, configurable to meet evolving needs, and free of any security holes. Seagate Software takes advantage...

18/3,K/8 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
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02656566 Supplier Number: 65475102 (USE FORMAT 7 FOR FULLTEXT)
e-Site Network Automatic Fault Correction Now Possible With CyberPilot; Intelligent Fault Detector & Performance Manager From CyberIQ Systems.
Business Wire, p2156
Sept 26, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 761

... automatic system management functionality is the first practical application of what industry observers and research scientists have called the need for "self-healing, closed-loop **policy** engines" to improve e-site and network performance.

CyberPilot is designed for complex, medium-to-large ISPs, COLOs, e-sites and networks using one **server farm** location. CyberPilot 1.0 is compatible only with CyberIQ's HyperFlow3 load balancer, but subsequent 2.0 versions will be interoperable with all CyberIQ and...

18/3,K/9 (Item 2 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
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02587463 Supplier Number: 63710355 (USE FORMAT 7 FOR FULLTEXT)
GEICO DIRECT Chooses Mail.com Internet Fax Services to Cut Costs and Deliver Quality Service to Customers.
Business Wire, p2087
July 27, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 612

... service centers will use Mail.com's inbound and outbound desktop Internet fax service to process a full suite of insurance documents including quotes, issued **policies**, reinstatements, endorsements and renewals.

"Running a fax **server farm** is an expensive proposition and requires, in GEICO's case, a Microsoft Exchange architect to keep it all running smoothly," said Dave Williams, GEICO's...

18/3,K/10 (Item 3 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2004 The Gale Group. All rts. reserv.

02484510 Supplier Number: 61818349 (USE FORMAT 7 FOR FULLTEXT)
Check Point Software Provider-1 2000 Sets New Standard for Large-Scale Internet Security Management.
Business Wire, p0141
May 1, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 709

... Provider-1 2000 manages up to 200 customers on a single management server. In addition, multiple Provider-1 servers can be linked into a management **server farm**, providing scalability for hundreds of customer **policies** enforced at thousands of sites while maintaining a single management view.

"Leading service providers and corporations around the world rely on Check Point Software's...

18/3,K/11 (Item 4 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2004 The Gale Group. All rts. reserv.

02457986 Supplier Number: 61520987 (USE FORMAT 7 FOR FULLTEXT)
ArrowPoint Unveils Web Switches With Three-Fold Performance Boost.
Business Wire, p1255
April 17, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1162

... CS-150. ZD Labs configured a virtual Internet Protocol (VIP) address on the CS-150, which served as the IP address for the test Web **server farm**. Two content **policy** rules were configured in the CS-150 to distribute incoming HTTP requests across the pool of servers. The client test bed consisted of 15 physical...

18/3,K/12 (Item 5 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2004 The Gale Group. All rts. reserv.

02433403 Supplier Number: 60307003 (USE FORMAT 7 FOR FULLTEXT)
ArrowPoint Boosts Horsepower of CS-800 Web Switch; CS-800 Achieves

**' Industry's Highest Published Transaction Rates for Web Content Switching
as Shown by ZD Labs Test Results.**

Business Wire, p1801

March 20, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1150

... CS-800. ZD Labs configured a virtual Internet Protocol (VIP) address on the CS-800, which served as the IP address for the test Web **server farm**. They configured two content **policy** rules in the CS-800 to distribute incoming HTTP requests across the pool of servers. The client test bed consisted of 30 physical PCs, each...

18/3,K/13 (Item 6 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

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02195747 Supplier Number: 56174896 (USE FORMAT 7 FOR FULLTEXT)

**Check Point Software Furthers Leadership in Managed Security Services
Market.**

Business Wire, p1004

Oct 11, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 702

... a single server, significantly lowering operational costs and complexity for service providers and large enterprises. Multiple Provider-1 servers can be linked into a management **server farm**, providing scalability for hundreds of customer **policies** enforced at thousands of sites while maintaining a single management view.

Also, today, Check Point is announcing MultiGate, a new product that enables MSPs to...

18/3,K/14 (Item 7 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2004 The Gale Group. All rts. reserv.

0260857 Supplier Number: 54592603 (USE FORMAT 7 FOR FULLTEXT)

**Keynote Systems Brings Its Internet Performance Expertise To N+I In Two
Sessions on Web Performance and QoS.**

Business Wire, p0821

May 10, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 529

... e-commerce companies can make improvements in three main areas to optimize web site Quality of Service: the web pages themselves, the configuration of the **server farm**, and the connections to the Internet.

In addition, Mr. Siegel will serve as the instructor in the Intro Session "Introduction to Quality of Service and **Policy**-based Networking", which will be given on Tuesday, May 11, at 2:00 and again on Wednesday, May 12 at 10:15.

Mr. Siegel is...

18/3,K/15 (Item 8 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2004 The Gale Group. All rts. reserv.

01691395 Supplier Number: 50237320 (USE FORMAT 7 FOR FULLTEXT)

**3Com Applauds Ratification of IEEE 802.1p Standard; Approval to Accelerate
Industry's Move to Converged Networks.**

Business Wire, p08111273

August 11, 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Newswire; Trade
Word Count: 871

... network devices, avoiding the need to use proprietary prioritization schemes and allowing IT to gradually deploy converged networks in the core, the wiring closet, the **server farm** and the desktop as needed.

"802.1p is an important part of **policy** -based networking that will be especially significant to corporations and carriers as they move to a single, consolidated transport to carry different types of traffic...

18/3,K/16 (Item 9 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2004 The Gale Group. All rts. reserv.

01633377 Supplier Number: 48408985 (USE FORMAT 7 FOR FULLTEXT)
**ArrowPoint Communications Announces The First Network Switch Family
Designed Specifically For The Content Smart Internet**
PR Newswire, p406NEM029
April 6, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1557

... information in the content requests gives the switch the information it needs to determine optimum content location, Quality of Service, and bandwidth requirements, and explicit **policy** definition allows additional control for the Web site administrator. Web traffic is distributed based on content (including HTTP, TCP, and UDP) to the optimal Web server, located in the local **Web farm** or at a remote location. Highly granular bandwidth management ensures that each Web flow, based on content requested, receives the necessary bandwidth through the switch...

18/3,K/17 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

04674726 Supplier Number: 62266155 (USE FORMAT 7 FOR FULLTEXT)
**ARROWPOINT EXTENDS CONTENT SMART WEB SWITCHING FAMILY. (ArrowPoint's new
Content Smart Web Switch products, the CS-50 and CS-150) (Product
Announcement)**
LAN Product News, v12, n6, pNA
June, 2000
Language: English Record Type: Fulltext
Article Type: Product Announcement
Document Type: Newsletter; Trade
Word Count: 1093

... CS-150. ZD Labs configured a virtual Internet Protocol (VIP) address on the CS-150, which served as the IP address for the test Web **server farm**. Two content **policy** rules were configured in the CS-150 to distribute incoming HTTP requests across the pool of servers. The client test bed consisted of 15 physical...

18/3,K/18 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

04652034 Supplier Number: 61979776 (USE FORMAT 7 FOR FULLTEXT)
Check Point Improves Network Monitoring.
ISP Business News, v6, n19, pNA
May 8, 2000

Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 317

... traffic and avoids bottlenecks.
Provider-1 2000 can manage up to 200 customers on a single server, or it can be linked into a management **server farm**. It also can restore, revoke and archive security **policies**.
Provider-1 2000 starts at \$79,900 and will become

18/3,K/19 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

04475380 Supplier Number: 57162502 (USE FORMAT 7 FOR FULLTEXT)
3Com CEO Unveils E-Network Strategy.
Maitland, Jo
Network Briefing, pNA
Nov 3, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 441

... senior VP of business systems. He added that the CoreBuilder line can now be deployed in all areas of the network including the wiring closet, **server farm** and data center. The company has also added a broad set of services to the platform including LAN telephony, voice gateways and **policy** services. Future enhancements include partnerships with load-balancing companies for integration into the 9000 and a Windows 2000 blade, to be revealed early next year...

18/3,K/20 (Item 4 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

03966411 Supplier Number: 53001101 (USE FORMAT 7 FOR FULLTEXT)
3COM: 3Com applauds ratification of IEEE 802.1p standard.
M2 Presswire, pNA
August 13, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 919

... network devices, avoiding the need to use proprietary prioritisation schemes and allowing IT to gradually deploy converged networks in the core, the wiring closet, the **server farm** and the desktop as needed.
"802.1p is an important part of **policy** based networking that will be especially significant to corporations and carriers as they move to a single, consolidated transport to carry different types of traffic...

18/3,K/21 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

07184214 Supplier Number: 61355949 (USE FORMAT 7 FOR FULLTEXT)
CacheFlow, Akamai team on caching; Companies claim they can help customers speed up Web content access, lower e-commerce costs. (Company Business and Marketing)
Jacobs, April
Network World, p21
April 3, 2000
Language: English Record Type: Fulltext
Document Type: Tabloid; Trade
Word Count: 443

... content closer to the customers requesting it. The combination also adds a layer of policy-based traffic management not available using Akamai software alone. Those **policies** determine which types of content should be put on the Akamai network without the customer having to manually code it. A CacheFlow device sits in front of a Web **server farm**, typically behind a Layer 4 switch.

The deal highlights the problems related to performance and content availability that many corporate intranet and e-commerce sites...

18/3,K/22 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

06969394 Supplier Number: 58833321 (USE FORMAT 7 FOR FULLTEXT)
Coming to ComNet; Compuware and Concord lead parade of management wares. (Product Announcement)

Caruso, Jeff
Network World, p90
Jan 17, 2000
Language: English Record Type: Fulltext
Article Type: Product Announcement
Document Type: Tabloid; Trade
Word Count: 611

... QoS Control for e-business, Server Control for e-business and Desktop Control.

Traffic Control performs several functions for managing traffic going to an NT **server farm**. The abilities include load balancing among the servers, providing security via a firewall and collecting traffic statistics. QoS Control can prioritize different packets, based on **policies**. Server Control monitors applications on the servers themselves, and can automatically restart the applications or reboot the server if problems occur. Pricing was not available...

18/3,K/23 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

06344778 Supplier Number: 54649303 (USE FORMAT 7 FOR FULLTEXT)
ISS RealSecure Pushes Past Newer IDS Players. (Software Review) (Evaluation)

Shipley, Greg
Network Computing, p95(1)
May 17, 1999
Language: English Record Type: Fulltext
Article Type: Evaluation
Document Type: Magazine/Journal; Trade
Word Count: 4574

... yet barely used area of your network, you may wish to enable all attack signatures-or maybe even create some custom ones. However, that same **policy**, crammed with enabled checks, may send your console into a tailspin if installed on a sensor attached to a saturated **Web farm**. By using multiple **policies**, administrators can create **policy** templates and swap them out at will. In the case of a highly trafficked **Web farm**, administrators may choose to disable some of the more informational/trivial checks. Removing checks for ActiveX usage warnings, for example, may lower the percentage of...

18/3,K/24 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

05589260 Supplier Number: 48460991 (USE FORMAT 7 FOR FULLTEXT)
Is Layer 4 Switching Technology For Real?

Higgins, Kelly Jackson
Network Computing, p30
May 1, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1227

... users, it's the wrong approach," says John Morency, vice president of network solutions practices at Renaissance Worldwide, a consulting firm. "The real issue is **policy**, end-to-end QoS, not switching."

Nevertheless, some pioneering users are giving Layer 4 a try. ISP Mindspring Enterprises is test-running Layer 4 in its **server farm** of 50 e-mail, Web and FTP servers. Brandon Ross, Mindspring's chief network engineer, says the company plans to use the forthcoming Layer 4...

18/3,K/25 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

05561779 Supplier Number: 48425307 (USE FORMAT 7 FOR FULLTEXT)
Extreme Networks Summit4 Integrated Server Switch
Brill, Pam
Network Computing, p168
April 15, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 90

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...This switch, which features six Gigabit Ethernet ports and 16 10/100 Fast Ethernet ports, is ideal for trunking ultrafast connections to the workgroup or **server farm**. The Summit4 features Extreme Networks' **policy**-based Quality of Service and wire-speed switching, and it can also act as a full-fledged router.

18/3,K/26 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

05342608 Supplier Number: 48127790 (USE FORMAT 7 FOR FULLTEXT)
Allot products tackle bandwidth shortages
Fitzloff, Emily
InfoWorld, p87
Nov 17, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 370

... network and the other attaches to the Internet or wide-area router. The AC300 adds a third 10/300 Ethernet connection that attaches to the **server farm** to ensure **policy**-based server availability. The AC200 is priced at \$7,000, and the AC300 is priced at \$13,000. Both products will be unveiled at Internet...

18/3,K/27 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02008985 52199923
CahceFlow, Akamai team on caching
Jacobs, April
Network World v17n14 PP: 21 Apr 3, 2000
ISSN: 0887-7661 JRNL CODE: NWW
WORD COUNT: 460

...TEXT: content closer to the customers requesting it. The combination also adds a layer of policy-based traffic management not available using Akamai software alone. Those **policies** determine which types of content should be put on the Akamai network without the customer having to manually code it. A CacheFlow device sits in front of a Web **server farm**, typically behind a Layer 4 switch.

The deal highlights the problems related to performance and content availability that many corporate intranet and e-commerce sites...

18/3,K/28 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01901677 05-52669
3Com, Nortel bolster switch families
Duffy, Jim
Network World v16n38 PP: 12 Sep 20, 1999
ISSN: 0887-7661 JRNL CODE: NWW
WORD COUNT: 717

...ABSTRACT: enterprise net backbones, the switch is designed for service providers offering voice-over-IP, Web hosting or other data services requiring traffic classification and priority **policies**. Over in the Gigabit Ethernet Alliance booth, 3com was showing an unannounced SuperStack gigabit copper switch for **server farm** and workgroup aggregation. The switch features six 100/1000-TX ports and two 1000Base-SX ports with RJ-45 and MTRJ jacks. In November, Nortel...

18/3,K/29 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01674314 03-25304
Switching to Layer 4
Anderson, Paul; James, Gail
Network World v15n29 PP: 43-44 Jul 20, 1998
ISSN: 0887-7661 JRNL CODE: NWW
WORD COUNT: 1845

...TEXT: port on the switch management module. This allows you to create a separate management LAN completely isolated from the users' network.

Berkeley plans to add **server farm** load balancing functions and implement integrated **policy** control using Windows NT's Active Directory Services, Novell, Inc.'s Novell Directory Services and other Lightweight Directory Access Protocol-compatible directories. The company also plans...

18/3,K/30 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2004 CMP Media, LLC. All rts. reserv.

01215318 CMP ACCESSION NUMBER: INW20000508S0019
Switch Manages Pipes
CHRISTINE ZIMMERMAN
INTERNETWEEK, 2000, n 812, PG12
PUBLICATION DATE: 000508
JOURNAL CODE: INW LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: NEWS & ANALYSIS
WORD COUNT: 236

... control software, this week at Networld + Interop.

The bandwidth-management feature gives IT managers the ability to control and account for bandwidth use by client, **server farm**, application, user class or type of content, the vendor said. This gives IT the ability to enforce bandwidth utilization and **policies**, and enforce contracts guaranteeing specific amounts of bandwidth.

Beta tester d'Mitri DeVos, manager of system operations for Computer.com, an online service that educates...

18/3,K/31 (Item 2 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2004 CMP Media, LLC. All rts. reserv.

01214687 CMP ACCESSION NUMBER: IWK20000501S0035
Check Point Readies Managed Security Upgrade - PROVIDER-1 2000 LETS ADMINISTRATORS REPLICATE SECURITY POLICIES AUTOMATICALLY
GEORGE V. HULME
INFORMATIONWEEK, 2000, n 784, PG34
PUBLICATION DATE: 000501
JOURNAL CODE: IWK LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: TOP OF THE WEEK
WORD COUNT: 306

... We will be increasing that number in the future," he says. However, Schooler says, multiple Provider-1 2000 servers also can be linked into a **server farm** and scaled to manage hundreds of customer **policies** at thousands of sites through a single management view.

Kimberly Price, senior VP of product marketing for Telenisus Corp., says the Rolling Meadows, Ill., service...

18/3,K/32 (Item 3 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2004 CMP Media, LLC. All rts. reserv.

01191917 CMP ACCESSION NUMBER: NWC19990517S0026
ISS RealSecure Pushes Past Newer IDS Players
Greg Shipley
NETWORK COMPUTING, 1999, n 1010, PG95
PUBLICATION DATE: 990517
JOURNAL CODE: NWC LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Reviews
WORD COUNT: 4560

... yet barely used area of your network, you may wish to enable all attack signatures-or maybe even create some custom ones. However, that same **policy**, crammed with enabled checks, may send your console into a tailspin if installed on a sensor attached to a saturated **Web farm**. By using multiple **policies**, administrators can create **policy** templates and swap them out at will. In the case of a highly trafficked **Web farm**, administrators may choose to disable some of the more informational/trivial checks. Removing checks for ActiveX usage warnings, for example, may lower the percentage of...

18/3,K/33 (Item 4 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2004 CMP Media, LLC. All rts. reserv.

01165494 CMP ACCESSION NUMBER: LAN19980622S0056
Gigabit Ethernet - The Pipes Aren't The Problem
Tere Parnell
LANTIMES, 1998, n 1513, PG90
PUBLICATION DATE: 980622

JOURNAL CODE: LAN LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: BackSpace
WORD COUNT: 591

TEXT:

... keen new gigabit Ethernet switch. This baby was designed to put my servers at the core of a gigabit Ethernet backbone. And what a screamin' **server farm** this switch could build! It can support up to 25 gigabit Ethernet ports and route more than 50 million packets per second at Layer 3. It supports **policy** -based QoS (quality of service) and vLANs (virtual LANs). Its backplane is over 50Gbps wide. I even love its management application.

18/3,K/34 (Item 5 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2004 CMP Media, LLC. All rts. reserv.

01160695 CMP ACCESSION NUMBER: NWC19980501S0009
Is Layer 4 Switching Technology For Real? (In-depth news analysis)
Kelly Jackson Higgins
NETWORK COMPUTING, 1998, n 908, PG30
PUBLICATION DATE: 980501
JOURNAL CODE: NWC LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Business Trends
WORD COUNT: 1237

... users, it's the wrong approach," says John Morency, vice president of network solutions practices at Renaissance Worldwide, a consulting firm. "The real issue is **policy** , end-to-end QoS, not switching."

Nevertheless, some pioneering users are giving Layer 4 a try. ISP Mindspring Enterprises is test-running Layer 4 in its **server farm** of 50 e-mail, Web and FTP servers. Brandon Ross, Mindspring's chief network engineer, says the company plans to use the forthcoming Layer 4...

18/3,K/35 (Item 6 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2004 CMP Media, LLC. All rts. reserv.

01159275 CMP ACCESSION NUMBER: NWC19980415S0026
Extreme Networks Summit4 Integrated Server Switch (Infrastructure)
Pam Brill
NETWORK COMPUTING, 1998, n 907, PG168
PUBLICATION DATE: 980415
JOURNAL CODE: NWC LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Fast and Furious
WORD COUNT: 86

TEXT:

... This switch, which features six Gigabit Ethernet ports and 16 10/100 Fast Ethernet ports, is ideal for trunking ultrafast connections to the workgroup or **server farm** . The Summit4 features Extreme Networks' **policy** -based Quality of Service and wire-speed switching, and it can also act as a full-fledged router.

18/3,K/36 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2004 Business Wire. All rts. reserv.

00117545 19991011284B1006 (USE FORMAT 7 FOR FULLTEXT)
Check Point Software Introduces New Release of Managed Security Services Solution With Doubled Capacity

Business Wire

Monday, October 11, 1999 08:44 EDT

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 632

...VPN-1/FireWall-1

for large numbers of multiple customers, each with multiple enforcement points. Multiple Provider-1 servers can be linked into a management **server farm**, providing scalability for hundreds of customer **policies** enforced at thousands of sites while maintaining a single management view.

15/3,K/1 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

02610461 SUPPLIER NUMBER: 87080174 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Challenges designing next-generation middleware systems; this framework promises new classes of service, especially in terms of security, for policy-based development of distributed and collaborative applications.
Tripathi, Anand
Communications of the ACM, 45, 6, 39(4)
June, 2002
ISSN: 0001-0782 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 2648 LINE COUNT: 00240

... aspect. In general, all such mechanisms require configuration and control of end-to-end components, middleware services, and underlying network/ operating-system-level resources.

The **policy** -enforcement mechanisms in the figure are generated by the middleware and interfaced with both the application-defined components and the system services. Certain QoS mechanisms...

...by the underlying operating system kernel (10). Similarly, the requirement of a desired level of availability of an application's data might involve replication at **various nodes** that were selected based on their observed uptime.

The system-defined administrative **policies** for resource allocation dominate application-defined **policies** . Mechanisms are required for monitoring underlying system-level resources, as well as application-level components, and resource management decisions may need to be changed when ...

...and other characteristics of network resources. I therefore emphasize the following services for emerging applications and how they need to be orchestrated by the middleware.

Event notification . Event service is a core component of middleware for dynamic environments. The publisher-subscriber model is a commonly adopted paradigm for event services. Policy-driven middleware...

15/3,K/2 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

02455536 SUPPLIER NUMBER: 71847577 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Cluster woes gone - Application Center 2000 reins in administrative costs. (Software Review) (Evaluation)
Skurdevant, Cameron
eWeek, 63
March 19, 2001
DOCUMENT TYPE: Evaluation LANGUAGE: English RECORD TYPE: Fulltext
; Abstract
WORD COUNT: 882 LINE COUNT: 00077

... usage, system and application events as well as TCP/IP port utilization and health monitor alerts. We were able to set threshold limits and were **notified** via e-mail and **event** log entries when they were exceeded.

An especially convenient feature of Application Center 2000 is that the product synchronizes server management **policies** across all selected servers in the cluster, thus ensuring that our **policies** were enforced without a lot of additional administrative overhead.

During tests, we quickly distributed network and component processing loads among the **clustered servers** . Application Center 2000 uses a weighted fair-queuing mechanism to divvy up the network load. This same process allowed us to remove servers from the...

15/3,K/3 (Item 3 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

02062152 SUPPLIER NUMBER: 19387791 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Manage X for Win NT uses ActiveX to patrol systems. (NuView network management tool) (PC Week Netweek) (Software Review) (Evaluation)
Peterson, Eric
PC Week, v14, n18, p113(2)
May 5, 1997
DOCUMENT TYPE: Evaluation ISSN: 0740-1604 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1389 LINE COUNT: 00114

... found Console well-laid-out. Quickly informing administrators of client status, Console receives alerts from client and server FMs, displaying them in different colors to **indicate event** severity at a glance. Overall, Console looks quite like Windows' Event Viewer.

From Performance Monitor, we were able to compare, in real time, the status of a particular item of any **grouping** of NT **servers** and/or **workstations** at once. For instance, we compared the percentage of processor utilization across **several nodes**.

For that matter, if The Microsoft Network had been using Manage X to monitor its Exchange servers for capacity planning, the April 16 emergency shutdown, necessary to add capacity to their servers, would not have been such a surprise and embarrassment. If a Manage X-like **policy** had been in place, a customized script not only could have sent a proactive notification to the responsible Exchange server administrator that the server was...

15/3,K/4 (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01611850 SUPPLIER NUMBER: 13901751 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Servers and host DBMSs. (1993 Database Buyer's Guide Special Issue) (Buyers Guide)
DBMS, v6, n7, p32(5)
June 15, 1993
DOCUMENT TYPE: Buyers Guide ISSN: 1041-5173 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 6471 LINE COUNT: 00562

... is designed to provide data management and application development capabilities across a network of dissimilar hardware and software systems. INGRES provides the ability to establish **multiple**, multithreaded **servers** to access and update shared data. Its Knowledge Management facility enforces business **policies** and referential integrity constraints. INGRES **Event Alerters** can be used for creating applications that dynamically respond to business requirements. Objects can be defined and managed via SQL commands. INGRES/Windows4GL, an object...

15/3,K/5 (Item 5 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01462127 SUPPLIER NUMBER: 11560686 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Database: Ingres releases 1st database to activate external events. (INGRES Intelligent Database 6.4) (Product Announcement)
EDGE: Work-Group Computing Report, v2, n78, p24(1)
Nov 18, 1991
DOCUMENT TYPE: Product Announcement LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 914 LINE COUNT: 00079

... through SQL commands.
The announcement also initiated Ingres' new strategy of offering

enhancements to its entire suite of client-server products simultaneously across a wide **range** of platforms, including PCs , VMS minicomputers and all major Unix systems.

INGRES Release 6.4 is the first relational database management system to provide database **event alerters** . Just as INGRES rules automatically trigger internal database procedures to enforce **policies** , **event alerters** automatically trigger external application programs through SQL commands.

" **Event alerters** provide a simple way of capturing events that are a natural result of everyday business activities, and allow organizations to better model their business operations...

15/3,K/6 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou. (R)
(c) 2004 The Gale Group. All rts. reserv.

03145177 Supplier Number: 83913493 (USE FORMAT 7 FOR FULLTEXT)
Elron Software Launches Web Inspector v6 -- a Vital Component of an Organization's Network Security Plan; Built from the Ground Up, Web Inspector v6 Combines Enterprise-Level Performance with Hassle-Free Administration.
PR Newswire, pNEM03318032002
March 18, 2002
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 685

... of an organization's overall security program. We recommend that corporations implement flexible content filtering tools, like Web Inspector v6, to enforce their Internet usage **policies** and protect against reduced productivity, legal liability and network congestion."

"Elron Software worked extensively with customers to develop a new product that would meet their...

...reliability, flexibility and ease-of-use. And, I'm thrilled to report that Web Inspector v6 exceeds clients' expectations by combining enterprise scalability with enhanced **policy** -based control and a wide array of reporting options," said Ray Boelig, CEO and president, Elron Software. "Web Inspector v6 enables companies to clearly see what is **occurring** on their networks and make **informed** business decisions to protect their assets, people and reputation."

Key features of Web Inspector v6 include:
-- Distributed Deployment

To accommodate enterprise environments, Web Inspector can be deployed at multiple locations, all managed with centralized **policy** and reporting. This unified approach eliminates the need to update **multiple servers** every time a **policy** changes.
-- **Policy** -Based Control

With rules-based management, Web Inspector v6 can be customized to enforce an organization's unique Internet usage **policy**
. Organizations

can control surfing by user, group, category or time of day. And, when **policy** changes occur, intuitive wizards walk administrators through the creation of rules within seconds.
-- Directory and LDAP Support
The new product supports Microsoft Active Directory, Novell...

15/3,K/7 (Item 2 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou. (R)
(c) 2004 The Gale Group. All rts. reserv.

02170308 Supplier Number: 55739615 (USE FORMAT 7 FOR FULLTEXT)
**Symantec System Center Provides Systems and Policy Management For Norton
AntiVirus Enterprise Solution.**
PR Newswire, p7012
Sept 14, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 670

... provide user management and real-time troubleshooting -- reducing threats to system uptime. Centralized event management and reporting enable IT administrators to ensure established systems and **policy** management is being followed.

"IT is most concerned with cost, credibility, and uptime. The Norton AntiVirus Enterprise Solution enables IT professionals to take a proactive

...president of Symantec's Security and Assistance Business Unit. "Symantec System Center provides organizations with the management tools required to proactively set and lock down **policies** that keep systems up-to-date and properly configured."

Symantec System Center enables centralized deployment of Symantec's intelligent solutions and updates across multiple Windows NT and NetWare networks. Symantec System Center provides complete **event** management. IT administrators can customize **alerts** /escalations and automate responses to specific actions for individual users, server groups, and across multiple platforms.

Symantec System Center also enables real-time communications with...

...servers, enabling administrators to respond quickly to potential threats. For example, administrators can use Symantec System Center to enact virus sweeps across the individual nodes, **groups** of **nodes** or the entire enterprise from a single location.

Built on award-winning technology from Symantec and Intel, administrators can use Symantec System Center to automatically...

15/3,K/8 (Item 3 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
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01604249 Supplier Number: 53734860 (USE FORMAT 7 FOR FULLTEXT)
Acotec -Virtual Motion- Announces Remote Access Manager Version 2.0.
Business Wire, p1743
Feb 8, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 860

... Hilliard, CEO of Acotec Inc. "Acotec RAM 2.0 provides the system administrator with an invaluable tool for accomplishing this by taking the concept of **policy** -based management further, and adding event-driven management to automate immediate actions."

Acotec RAM 2.0 offers easy, secure, and cost-efficient user administration through the definition of user **policies**. Access rights, dial-in times, resource allocation, and general security settings can be centrally defined. The risk of system crashes is reduced by the centralized security for **multiple servers**. If one server crashes, dial-in rights can be made immediately available on another server in the group.

The evaluation and monitoring functions of Acotec...

...RAM 2.0 continuously monitors the status of the dial-in channels and the available capacity of each RAS server. The Internet-based messaging services **inform** the administrator when **events** arise. The administrator can easily define new events as needed.

Acotec RAM 2.0 addresses an explosive market. A recent report by IDC (Open Systems...

15/3,K/9 (Item 4 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
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01785613 Supplier Number: 53541869 (USE FORMAT 7 FOR FULLTEXT)
Percussion Software Announces Percussion ServerAdmin Plus 6.0.
Business Wire, p1261
Jan 11, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 705

... control of them. In addition, ServerAdmin Plus 6.0 complements the new administration features of Notes R5, extending administration capabilities to the next level of **policy**-based management."

New Additions to ServerAdmin Plus 6.0

The goal of Percussion ServerAdmin Plus 6.0 is to provide additional analysis capabilities for complex areas of Notes administration. New features include:

--Replication Analyzer: Audits servers and databases for configuration

issues preventing successful replication, such as the **occurrence** of multiple replicas. It then **tells** the administrator what needs correction.

--User Analyzer: Audits user interaction with databases across **multiple servers**, indicating database activity, access levels, role membership, and other privileges.

--NSF Search: Allows searching for Domino databases by database, Access Control List (ACL), or design...

15/3,K/10 (Item 5 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
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01570413 Supplier Number: 47984548
CommVault Systems Announces Support For BMC Software's Patrol Knowledge Module
PR Newswire, p0916NETU047
Sept 16, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 616

... lead the market in implementing storage management features most desired by enterprise customers, CommVault Systems announces the capability to automatically monitor and administer storage management **policies** across multiple CommVault servers from a single, centralized network management console. Through a CommVault Knowledge Module for PATROL designed with BMC Software Inc., CommVault Systems...

...CommVault Knowledge Module for PATROL lets users set configurable parameters for up to three levels of alerts and alarms, quickly and easily execute backups across **multiple** CommVault **servers**, restart failed backups, initiate backups, accurately assess the status of backup media including historical usage, and actively monitor backup server/client connections. Using a peer...

...single, multi-tasking agent operates autonomously, automatically discovering and taking corrective action on each managed CommVault server. The knowledge module monitors hundreds of parameters for **multiple servers**, detecting and correlating **events**, initiating corrective actions, and providing **alerts** and alarms on undesired conditions. Alarms can be forwarded to any SNMP standard network management tool such as BMC Software's PATROL, Tivoli and HP...

15/3,K/11 (Item 6 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2004 The Gale Group. All rts. reserv.

01393330 Supplier Number: 46461865 (USE FORMAT 7 FOR FULLTEXT)
NETWORK INFORMATION TECHNOLOGY ANNOUNCES ROOT MANAGER FOR UNIX NETWORK SECURITY
PR Newswire, p0612SJM002
June 12, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 553

... dedicated to providing client/server security solutions for multi-platform environments. NIT provides a range of enterprise-wide information security software and professional services.NIT **policy** -based security solutions are scaleable to any size organization and work effectively and transparently across a **range** of hardware platforms including UNIX **workstations** , servers and PCs.

UniShield, the first of NIT's enterprise-wide security products for managing client and servers in a distributed environment, was introduced in early 1994 for Sun Microsystems product family. Support for Hewlett-Packard and IBM platforms followed. UniShield covers all aspects of client/server security including **policy** management and enforcement, user administration, user access, account control, security **event** monitoring, intrusion detection and **notification** and authentication management.

Security Dynamics' technology has been integrated into NIT products to provide positive SecureID token two-factor authentication.NIT products are designed to...

15/3,K/12 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

05199667 Supplier Number: 83255281 (USE FORMAT 7 FOR FULLTEXT)
UK networks in disarray as budgets come under more fire; Effective resource management is needed as one-in-four say they don't know how many PCs are on their network.
M2 Presswire, pNA
Feb 25, 2002
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1409

... that they have a log of all the hardware and software on their systems, 51 per cent said no. When asked if they knew how **many PCs** were attached to their network, 24 per cent said they did not know.

On the subject of misuse of corporate systems, 81 per cent said they had a corporate usage **policy** in place, 64 per cent said they monitored use of their networks and yet 75 per cent were unable to quantify the amount of computer misuse **occurring** on their network. This **indicates** that while many IT managers are taking steps to put controls in place they

15/3,K/13 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04430116 Supplier Number: 55753219 (USE FORMAT 7 FOR FULLTEXT)
SYMANTEC: Symantec System Center provides systems an and policy management for Norton Antivirus Enterprise.
M2 Presswire, pNA
Sept 15, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 594

... provide user management and real-time troubleshooting, reducing threats to system uptime. Centralized event management and reporting enable IT administrators to ensure established systems and **policy** management is being followed.

"IT is most concerned with cost, credibility, and uptime. The Norton AntiVirus Enterprise Solution ...president of Symantec's Security and Assistance Business Unit. "Symantec System Center provides organizations with the management tools required to proactively set and lock down **policies** that keep systems up-to-date and properly configured." Symantec System Center enables centralized deployment of Symantec's intelligent solutions and updates across multiple Windows NT and NetWare networks. Symantec System Center provides complete **event** management. IT administrators can customize **alerts** /escalations and automate responses to specific actions for individual users, server groups, and ...servers, enabling administrators to respond quickly to potential threats. For example, administrators can use Symantec System Center to enact virus sweeps across the individual nodes, **groups** of **nodes** or the entire enterprise from a single location. Built on award-winning technology from Symantec and Intel, administrators can use Symantec System Center to automatically...

15/3,K/14 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

16076912 SUPPLIER NUMBER: 104731047 (USE FORMAT 7 OR 9 FOR FULL TEXT)

AMC assets: understand the benefits of working with an AMC. (Association Management Company Directory).

Rush, Peter
Association Management, 55, 7, S12(2)
July, 2003

ISSN: 0004-5578 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1183 LINE COUNT: 00105

... they represent. The depth and breadth of resources that can be available through a management firm provide an environment adaptable to change. Reacting to new **policies**, programs, and market factors, ...also benefit from the continuity afforded by the depth of management at association management companies. Backup executives are assigned to associations so that, in the **event** of turnover, a new, **informed** executive director can step in virtually at a moment's notice.

Synergies

Because AMCs are staffed to manage **multiple clients**, each association benefits from the inherent synergies, the most important of which are these:

- * Executive input. Executives at management firms are stimulated by

15/3,K/15 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

08403299 SUPPLIER NUMBER: 17970532 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Customer service demands new architecture. (message-oriented middleware)

(includes related articles on managing multitier client/server projects and on better service) (Technology Information)

Schreiber, Richard
Datamation, v41, n23, p48(3)
Dec 15, 1995

ISSN: 1062-8363 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1875 LINE COUNT: 00159

... a server is, viewing applications as sets of logical domains that can be moved around the network at will.

These infrastructure services can enforce business **policies**, keep

other peer services informed of changes, and **notify** users of important **events**, such as a rate change or new customer promotion. Some application services don't need to be connected to a database at all, but can...

...as a service dispatch call or credit card authorization.

This type of architecture is highly scalable, since the shared application services can be cloned among **multiple servers** as application demands increase. For example, analysts had predicted the credit card authorization service would be accessed about 100 times per hour, but actual use...

15/3,K/16 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02299299 98798484

Merger counseling

Harper, Pamela

Credit Union Management v25n1 PP: 8 Jan 2002

ISSN: 0273-9267 JRNL CODE: CUM

WORD COUNT: 654

...TEXT: gathering information, look at both the formal and informal business cultures. Formal culture involves everything that's official-the company's mission and value statement, **policy** manual, operating procedures, etc. **Informal** culture involves what really **happens** within a company-the actual values, beliefs and practices.

Resource

CUES' book Mergers by Example: Partnering for Mutual Benefit examines credit union mergers in detail. Look for it at www.cues.org; click on "Shop."

As founder and president of Business Advancement Inc., Pamela Harper has worked with a **variety** of **clients** in entrepreneurial firms, mid-sized companies, and large corporations to transform business strategy into high performance. She can be contacted at 201.612.1228, or...

15/3,K/17 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01709983 03-60973

Will year 2000 bug make your business sick?

Brandl, Philip

Discount Merchandiser v38n8 PP: 86 Aug 1998

ISSN: 0012-3579 JRNL CODE: DMD

WORD COUNT: 775

...TEXT: Credit cards expiring in "00" have been rejected; a large insurer's mainframe shut down because it interpreted "00" as an invalid renewal date for **policies**; a food wholesaler reportedly threw away huge inventories dated "00."

Obviously, the Year 2000 problem is a serious business challenge to be met at the...

...capacity and processing speed, so they coded years as two-digit numbers, e.g. 08/01/85 instead of 08/01/1985. When 2000 arrives, **many** older **computers** and software programs will be unable to distinguish the year 2000 (00) from 1900 (00)it's already **happening**.

NHMA " Alerts " Members, Shares Resources

Although many organizations have undertaken Year 2000 compliance, others are just beginning to realize the magnitude of the problem. As an

organization...

15/3,K/18 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01271557 99-20953

Using policies to tend the wild & woolly intranet
Horwitt, Elisabeth
Network World v13n33 PP: I28-I30 Aug 12, 1996
ISSN: 0887-7661 JRNL CODE: NWW
WORD COUNT: 1682

...TEXT: powerful new search engine like Digital Equipment Corp.'s AltaVista (www.altavista.digital.com) and you get 20,000 possible links.

Corporations with no formal **policy** for monitoring and reviewing internal Web sites are in danger of having their intranets become equally as chaotic and difficult to navigate, Finkelstein says. "Just...

...everyone should do Web applications."

It's so easy to publish documents on a Web that some IT groups are deaf to the intranet explosion **happening** around them. Steven **Telleen**, director of Amdahl Corp.'s IntraNet Solutions Group in Sunnyvale, Calif., says he knows of some IT managers who set Web crawlers free on their nets and discovered twice as **many** internal Web **servers** than they knew about. The enlightened have been keeping a watchful eye on early intranet installations and then implementing formal **policies** when growth escalates.

At Allied Signal Corp., for instance, internal Web sites have been proliferating for some months now. This rapid growth has prompted the company's IS council to think about formulating a Web authoring **policy**, says Chuck Necker, Webmaster at the Computing Technology Center for Allied Signal's central business services unit in Torrance, Calif.

But a sharp intranet growth...

15/3,K/19 (Item 1 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
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109605

ArcSight's flexibility and interface helps it lead the pack of security data organizers
Security Event Management
Byline: Mandy Andress, Network World Global Test Alliance
Journal: Network World Page Number: 47
Publication Date: December 15, 2003
Word Count: 2133 Line Count: 194

Text:

... same: to make sense of the data your security infrastructure provides. The term SEM seems to best describe the task these products perform. Devices generate **alerts** or logs on security **events**, such as blocked packets, failed logons or attempted exploits. Managing these events is the next step in the evolution of the corporate security infrastructure. ArcSight...

... try to work with the corporate database team or look at hiring some help. Hand in hand with database management and maintenance is data retention **policy**. Data retention **policies** can have a large effect on your SEM implementation because they mandate some of your hardware requirements. The products we tested all handle SEM differently...

... of Tenable, sent us pre-configured hardware. The installation team came in to configure the device for our lab environment and set everything up so **alerts** and **events** were being sent to their system from three initial devices in our test bed - a NetScreen Technologies firewall, a Cisco VPN Concentrator and a Cisco...

... t want logged to the central server. A major trial of the products was adding new devices to monitor. We gathered a test bed of **various** firewall, IDSs, Web **servers**, operating systems, network infrastructure devices and security integrity products, and attempted to monitor them. Tenable did not fully participate in this test because it only...

15/3,K/20 (Item 2 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
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102830

Taking the tedious out of storage management
new-style automated hierarchical storage management products add more
smarts to managing aging data.

Byline: deni connor
Journal: Network World Page Number: 20
Publication Date: September 09, 2002
Word Count: 1643 Line Count: 151

Text:

... style automated hierarchical storage management products add more smarts to managing aging data. n By Deni Connor What once was old is new again with **policy**-based storage management software. It could change the way companies think about how they store, archive, back up and recover corporate data. This new breed...

... to write scripts to identify what data needs moving, or groom disks constantly to eliminate files that are no longer required by law or company **policy**. And gone will be the days spent culling data from disks because drives have reached their capacity or redistributing data to other disks to achieve...

... use. That's not all. Automated storage management software extends the reach of traditional HSM tools by looking at data in use and, following set **policies**, making decisions on how applications or business processes are tied to the data. Such tools will become increasingly desirable as users struggle to cope with...

... the firm is evaluating products that would let it separate attachments and store them centrally, thus saving disk space, Kedem says. He is looking at **policy**-based e-mail archiving products from FalconStor Software, IBM, Legato Systems and Sun that migrate messages to tape after storing them on disk for a...

... of project directories. Under these projects is a set of directories, with one being an 'archive' directory. With the CA software, we set up a **policy** to migrate files within this directory only," he says. Now Hawkins is looking into new **policy**-based storage management tools that would set **policies** for moving data based on project status. HSM hasn't evolved in the open systems arena, either. In this environment, when more storage is needed...could specify that a mission-critical Oracle database be recovered before any other application in the event of a failure. Alternately, network managers could set **policies** granting more bandwidth for backups to mission-critical applications. CreekPath is one of the only start-ups shipping such a product. Its AIM software defines three types of **policies**: explicit, rules-based and constraint. Explicit **policies** are user-definable rules affecting specific parameters such as RAID levels. In an explicit **policy**, a volume might be mirrored remotely to another device to ensure availability. Rules-based **policies** invoke a specific user or system action when an **event** occurs. For instance, AIM will **notify** administrators when a drive is underutilized so they can shift storage to it. Constraint-based **policies** put limits on a device - if the device is

used, it also must be mirrored to a remote array for fault-tolerance. But storage management...

... management with its Application-Centric Storage Management initiative, and CA and EMC promise such capability by year-end. Meanwhile, Tivoli has promised to announce a **policy**-based storage resource management package later this month. Fast recovery Automation is being applied smarter than ever before to the back-up and recovery process...

... upgrade their business continuity plans, while 24% said they revised their plans within the last six months. Start-ups such as Avamar Technologies are developing **policy**-based software that saves data to inexpensive disks rather than tape, thus speeding the back-up and recovery process and shrinking the amount of time...

... as 100 times faster than tape. Connected, a PC management and data-recovery company in Framingham, Mass., which backs up about 1 million computers for **several** large **clients**, has turned to EMC's Centera hardware and software for automated storage operations. The company is replacing tape drives with Centera's inexpensive disk and using **policy**-based software to migrate data from primary Symmetrix storage to Centera after it reaches a certain age, says Tom Hickman, engineering operations manager. "The data...

...bytes to store data on. When capacity reaches 85%, the migration utility sends the data automatically to a tape library or to the Centera." Setting **policies** and then letting Centera and its software act on them saves Hickman from having to perform the tasks manually. Automation is even coming to the...

...500 per server, and could save IT managers considerable time. Some large companies run as many as 40 back-up packages, vendors say. No doubt, **policy**-based automated storage promises to ease the management of rapidly growing and out-of-control media. When automation hits storage, users will have the luxury of setting **policies** and letting the system do the work. n

15/3,K/21 (Item 3 from file: 674)
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101677

Crying wolf: False alarms hide attacks

Eight IDSs fail to impress during the monthlong test on a production network.

Byline: By David Newman, Joel Snyder and Rodney Thayer

Journal: Network World Page Number: 57

Publication Date: June 24, 2002

Word Count: 3495 Line Count: 310

Text:

...Cisco's sensor never locked up, but its management software was another story. The vendor initially supplied Version 2.3.3i of its Cisco Secure **Policy** Manager (CSPM). CSPM is a powerful application with tons of useful features and one very significant downside: Whenever its database grows too large, the application...SNP) software uses a multitiered approach in which different machines can be used as sensors; consoles (for configuring the sensor); databases (for storing alarms from **multiple** sensors); and **clients**. In our experience, it was the SNP client that locked up repeatedly. We'd see CPU utilization rise above 90% and stay there. In that state, it was impossible to **tell** what **events** Intrusion's client was and wasn't seeing. The vendor's fix was twofold: First, Intrusion tuned its database not to store any alarms for...

15/3,K/22 (Item 4 from file: 674)
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088661

Making Your Website Healthy

Building your Web site was easy - keeping it running is the next step.

Byline: Denise Dubie

Journal: Network World Page Number: 54

Publication Date: November 06, 2000

Word Count: 1696 Line Count: 158

Text:

... sells products that can be programmed to lessen the need for human intervention when problems occur, although a network manager still needs to set predefined **policies**. Other products have "learning" agents that, based on historical reports from your network, can intelligently make a decision on what to do in a performance...times can tell network managers how to allocate resources to best serve customers frequenting the site. ProactiveNet has developed a system of learning software that **tells** you what is **happening** on your Web site and when, and then delivers the data directly correlated to your business goals. ProactiveNet's e-Transaction Management helps customers set...

...pinpoint the true source of poor Web site performance. "My department is application support, and the applications can get very complicated, hitting a couple of **different** databases and **servers** that are all over," she says. "All things were being monitored, but not monitored together. Now I can see how that application is affecting the..."

15/3,K/23 (Item 5 from file: 674)

DIALOG(R)File 674:Computer News Fulltext

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085637

Peeping tools

Nine tools that can snoop on your employees.

Byline: TRAVIS BERKLEY

Journal: Network World Page Number: 55

Publication Date: July 10, 2000

Word Count: 5117 Line Count: 454

Text:

... the software remotely to any machine in the domain, making the task manageable. The replication features ensure that each installation uses the same set of **policies** and filters. It works in two ways: Each client agent monitors file activity in real time as items are saved, moved or renamed. The central...

... files, such as graphics (either 2-D image files or 3-D game files), audio files and Office files. The screening groups are referenced by **policies** that determine what action to take when it finds a "bad" file. **Policies** can be configured individually or by workgroup. Additionally, filters can be employed within the **policy** to skip a particular storage area. When the program finds an infraction, the incident is logged on a database and stored for a configurable period...

...management console or by e-mail. The program can also make an entry in a server's event log or send an SNMP trap. Each **policy** can have its own set of actions. By default, the user is notified of an infraction with a pop-up dialog box. But if the **policy** is set to only observe and record, an administrator may choose to not inform the employee of his or her transgression and only save the evidence. Your **policies** may vary. Built into the console is a monitor that lists the infractions that have been logged. You can run a query that refines this list down to a particular **policy** violation or to a user or group. The results can also be printed or saved. A very nice ergonomic feature is a zoom feature that...

...for example, and not trip any of the **policies**. But FileScreen 2000 is smart enough not to allow renaming back to the offending name. So a cagey user would be able to disguise files...

your fingertips. In fact, if you open up all...

15/3,K/24 (Item 6 from file: 674)
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082876

Cache panache

A well-placed caching device can boost Web site performance and cut WAN costs.

Byline: Steven G. Clegg

Journal: Network World Page Number: 57

Publication Date: April 10, 2000

Word Count: 1670 Line Count: 155

Text:

... costs.Proxy caches are particularly useful on enterprise intranets. They act as firewalls to shield servers against Internet attacks. A proxy also can act as **policy** enforcer for a company's Web access, because browsers are configured to send requests for Web objects directly to the proxy cache.Additionally, reverse proxy caching in front of your Web **server farm** can decrease the number of origin servers needed. It also acts as a buffer to protect Web servers against spikes in traffic and guarantees fast...

... learning more about Linux and Unix. Also consider each product's management capabilities. Notable features include Management Information Base II support, e-mail or pager **event notification**, and the ability to remotely monitor and configure the cache device. To ease administration, Cobalt Network's CacheRaQ 2 offers browser-based and command line...

15/3,K/25 (Item 7 from file: 674)
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080994

building a strong foundation

With tools such as inventory, software distribution and license metering, these desktop management suites can help you build a better network.

Byline: TODD COOPEE

Journal: Network World Page Number: 48

Publication Date: January 31, 2000

Word Count: 2211 Line Count: 217

Text:

...Management (WBEM). All the products we scrutinized offered hardware and software inventory; desktop configuration and remote control; and software distribution and license metering to a **variety of clients**. One product dabbled in antivirus protection, as well.Since our last look at these products in 1998, vendors have packed more useful features into their... metering support, but lets you integrate third-party products, such as ABC Systems & Development's LAN Licenser. Instead of providing active metering, LANutil32 offers license **grouping**, allowing you to determine which **workstations** on your network can install a specific application and flagging rogue systems that may have unauthorized software installed.The remaining products rely on a pool...

... desktops and usersMost of the products offer only limited desktop-configuration management tools. Attachmate's NetWizard Plus let us manipulate registry entries and enforce system **policies** on Windows 95, 98 and NT systems. However, we had to install NetWizard's Remote Registry Service on each system to make that happen. SMS countered with support for propagating user profiles and enforcing logon restrictions across all Windows clients. ZENworks offers printer management and extensible system **policies** for controlling who can use specific printing resources and how a desktop can be changed.All the products tested except LANutil32 offer some form of... options with other third-party products.Novell bundles a

6-month subscription to Network Associates antivirus software. Notable eventsAll the products provide some degree of **event notification** - for example, **alerting** you that a remote installation of software failed or that a license threshold has been exceeded, usually in the form of an alert box or an entry in a system log file. Intel's LANDesk leads the pack in this area, offering a bundle of **alert** actions. Depending on the **event**, you can initiate an e-mail message, load a NetWare Loadable Module, generate an SNMP trap or send a message to a pager. ZENworks also...

15/3,K/26 (Item 8 from file: 674)
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077883

3Com, Nortel bolster switch families

Byline: JIM DUFFY

Journal: Network World Page Number: 12

Publication Date: September 20, 1999

Word Count: 696 Line Count: 68

Text:

...of the leading LAN switch vendors are ready to deliver on promises made when they announced their core offerings six to 18 months ago. The **events** also **indicate** that demand for the latest LAN switching technology remains healthy among large enterprise network customers despite year 2000 concerns and vendors' emphasis on sales to...

... enterprise net backbones, the switch is designed for service providers offering voice-over-IP, Web hosting or other data services requiring traffic classification and priority **policies**. Underneath the eight-slot Core-Builder 9000 in the 3Com booth was a 16-slot version of the switch running an embedded Windows NT module. The module is designed to add intelligence to the CoreBuilder 9000 switches by tightly linking frame-forwarding decisions to NT-based **policies**, directories, firewalls and other network service applications running on the embedded operating system module. 3Com announced plans to support embedded NT on its switches early this year. More where that came from Over in the Gigabit Ethernet Alliance booth, 3Com was showing an unannounced SuperStack gigabit copper switch for **server farm** and workgroup aggregation. The switch features six 100/1000-TX ports and two 1000Base-SX ports with RJ-45 and MTRJ jacks. 3Com was also...

15/3,K/27 (Item 9 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
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077148

3Com to unveil mgmt. software

Byline: JIM DUFFY

Journal: Network World Page Number: 6

Publication Date: August 23, 1999

Word Count: 628 Line Count: 59

Text:

... data from the agents and probes and presents the data as legible information. The event manager also pinpoints potential problems using color-coded messages that **indicate event** severity. The **event** manager is tipped off to the severity of an event by predefined rules, thresholds or **policies** established by the network manager. Users can group or filter events based on severity, time of day, date, source and description. Traffix Manager 3.0...

... users by identifying them via their media access control address, not the IP address. For increased scalability, Traffix Manager 3.0 features DNS aggregation, which **groups servers** with the same name together as if they were one network device. This increases scalability by freeing more

space in the Traffix Manager database because...

15/3,K/28 (Item 10 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
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053758

Using policies to tend the wild & woolly intranet

With employees flocking to put information on the corporate Web, companies find themselves devising policies aimed in part at keeping merriment to a minimum.

Byline: Elisabeth Horwitt

Journal: Network World Page Number: 28

Publication Date: August 12, 1996

Word Count: 1660 Line Count: 155

Text:

... powerful new search engine like Digital Equipment Corp.'s AltaVista (www.altavista.digital.com) and you get 20,000 possible links.

Corporations with no formal **policy** for monitoring and reviewing internal Web sites are in danger of having their intranets become equally as chaotic and difficult to navigate, Finkelstein says. "Just...

...everyone should do Web applications."

It's so easy to publish documents on a Web that some IT groups are deaf to the intranet explosion **happening** around them. Steven **Telleen**, director of Amdahl Corp.'s IntraNet Solutions Group in Sunnyvale, Calif., says he knows of some IT managers who set Web crawlers free on their nets and discovered twice as **many** internal Web **servers** than they knew about.

The enlightened have been keeping a watchful eye on early intranet installations and then implementing formal **policies** when growth escalates.

At Allied Signal Corp., for instance, internal Web sites have been proliferating for some months now. This rapid growth has prompted the company's IS council to think about formulating a Web authoring **policy**, says Chuck Necker, Webmaster at the Computing Technology Center for Allied Signal's central business services unit in Torrance, Calif.

But a sharp intranet growth...

15/3,K/29 (Item 11 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
(c) 2004 IDG Communications. All rts. reserv.

045758

Briefs

Journal: Network World Page Number: 17

Publication Date: July 24, 1995

Word Count: 240 Line Count: 25

Text:

... licenses, or \$39 per node for 1,000 licenses. Attachmate: (206) 644-4010. Innovative Software Development Co., a developer of systems management software for mid- **range computers**, has unveiled an enterprisewide management tool called Power Center. The package automates problem detection by correcting problems according to predefined **policies**.

It includes agents, called sensor packs, that monitor systems performance, disks, printers, processes and file systems, and **notifies** Power Center's **Event** Director when significant events occur. The Event Director determines whether corrective action should be initiated automatically or if manual intervention is needed. Power Center pricing...

15/3,K/30 (Item 12 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
(c) 2004 IDG Communications. All rts. reserv.

018366

IBM moves to establish open systems control

Byline: Elisabeth Horwitt, CW Staff

Journal: Computerworld Page Number: 49

Publication Date: September 23, 1991

Word Count: 884 Line Count: 64

Text:

... Facility to support Sun Microsystems, Inc. SunOS and Apple Computer, Inc. Macintosh workstations. The facility allows a VM to be programmed to back up a **variety** of **workstations** automatically and at specified intervals.

IBM also aims to extend its Systemview platform to provide end-to-end network support, Warner said.

A new product called Systemview Automated Operations Expert is said to allow users to incorporate formalized procedures and **policies** for responding to common systems and network events in an expert system. Automated applications based on Netview can then use the rules as the basis for responding automatically to such **events**, **Warner** said.

For example, rules can be provided for determining the most probable cause of an event and taking action that minimizes impact to high-priority ...

15/3,K/31 (Item 1 from file: 696)

DIALOG(R)File 696:DIALOG Telecom. Newsletters

(c) 2004 The Dialog Corp. All rts. reserv.

00816004

Industry At Large

VIA Satellite

January 1, 2003 VOL: 18 ISSUE: 1 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: PHILLIPS BUSINESS INFORMATION

LANGUAGE: ENGLISH WORD COUNT: 2261 RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...in more than 140 countries.

Through the integration of iJet's Worldlink service and Roadpost's wireless communication services, travelers receive real-time, itinerary-based

alerts about **events** and conditions that may impact their trips.

INTELSAT

Signs Deal With Vodacom

Intelsat South Africa (Pty) Ltd. signed a five-year contract with Vodacom International...IDIQ contract by Spawar, of

Charleston, SC, to supply tri-band satellite simulators. The simulators will be

used for training personnel on the operation of **various** tri-band satellite

terminals. If fully funded throughout a five year period the contract value will

be \$2.7 million.

L-3 SATELLITE NETWORKS

Acquires Wolf Coach

L-3...

...Analyzer is scalable software

that collects critical performance and usage data over time. This data enables

network managers to determine the most effective traffic-control **policies** and

predict trends in the networks traffic patterns.

NetworkJustice FairShare is a scalable quality of service software that guarantees fairness among users and applications while...

15/3,K/32 (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0252005 BW763

INGRES ASK 2: Ingres releases first database to activate external events

November 11, 1991

Byline: Business Editors & Computer Writers

...through SQL commands.

The announcement also initiated Ingres' new strategy of offering enhancements to its entire suite of client-server products simultaneously across a wide **range** of platforms, including **PCs** , VMS minicomputers and all major Unix systems.

INGRES Release 6.4 is the first relational database management system to provide database **event alerters** . Just as INGRES rules automatically trigger internal database procedures to enforce **policies** , **event alerters** automatically trigger external application programs through SQL commands.

" **Event alerters** provide a simple way of capturing events that are a natural result of everyday business activities, and allow organizations to better model their business operations...

15/3,K/33 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2004 Business Wire. All rts. reserv.

00801772 20021029302B6855 (USE FORMAT 7 FOR FULLTEXT)

ACE Limited Reports Third Quarter Results

Business Wire

Tuesday, October 29, 2002 18:22 EST

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,430

TEXT:

...webcast,
available on a listen-only basis, and the new financial supplement at <http://www.ancelimited.com>. Please refer to our website under "Investor Info, **Notices** and **Events** ", one half hour before, for further log-in details. Individuals who access the webcast will be asked to identify themselves and their affiliation. A replay...

...October 30, 2002

until Wednesday, November 13, 2002, 11:30 p.m. EST.

The ACE Group of Companies provides insurance and reinsurance for a diverse **group** of **clients** . The ACE Group conducts its business on a global basis with operating subsidiaries in nearly 50 countries. Additional information can be found at: <http://www...>

...set forth in these statements.

For example, the Company's forward-looking statements concerning market fundamentals could be affected by changes in demand, pricing and **policy** term trends and competition. The Company's forward-looking statements could also be affected by the levels of new and renewal business achieved, market acceptance...

...11,398

Other assets

7,996

7,331

Total assets

\$ 40,830

\$ 37,187

Liabilities

Unpaid losses and loss expenses

\$ 21,641

\$ 20,728

Future policy benefits for life					
and annuity contracts			419		383
Unearned premiums			5,526		3,853
Other liabilities			6,485		5,805
			-----		-----
Total liabilities			\$ 34,071		\$ 30...861
4,153					
Losses and loss					
expenses	1,328	1,542	892	3,142	3,448
Life and annuity					
benefits	60	29	29	106	58
Policy acquisition					
costs	253	205	204	685	559
Administrative					
expenses	250	205	205	678	602
	-----	-----	-----	-----	-----
Underwriting income					
(loss)	34	(582)	55	250	(514)
Net investment income...					

15/3,K/34 (Item 1 from file: 613)
DIALOG(R)File 613:PR Newswire
(c) 2004 PR Newswire Association Inc. All rts. reserv.

00929648 20030204DCTU006 (USE FORMAT 7 FOR FULLTEXT)
Holland America Line Selects e-Security
PR Newswire
Tuesday, February 4, 2003 08:39 EST
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 644

TEXT:
e-Security, Inc., the leading
worldwide provider of Security **Event** Management (SEM) software, today
announced that the world's leading premium cruise line, Holland America,
has
selected e-Security to provide comprehensive, real-time visibility into its
enterprise security network...

...solution to provide a 24x7
dashboard view across its entire network security architecture and to
consolidate and organize any security "events" that arise in its **multiple**
operating systems, Web **servers**, mainframe, databases and network devices.
"We have a diverse IT environment, so finding a solution to instantly
view, consolidate and correlate a variety of security...

...it -- was absolutely essential," said Holland
America Security Administrator Chad Hoggard. "e-Security's solution will
help
ensure there is common enforcement of our security **policy** across all of
our
platforms, and will guarantee that the right people, whether it's my
security
team or the IT helpdesk, are instantly made...

...Security, Inc. "Our solution will give Holland America
the visibility and control that will lead to more seamless, real-time
enforcement of its corporate security **policies**."

About e-Security, Inc.
e-Security, Inc. is the leading worldwide provider of Security Event
Management software. The company works with large enterprises, government
organizations...

15/3,K/35 (Item 2 from file: 613)

DIALOG(R)File 613:PR Newswire
(c) 2004 PR Newswire Association Inc. All rts. reserv.

00765263 20020513LAM046 (USE FORMAT 7 FOR FULLTEXT)
Experian Launches OFAC Name Matching Service
PR Newswire
Monday, May 13, 2002 08:32 EDT
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 607

TEXT:
...intensive
process requiring a manual name search on printed lists," said Laura DeSoto, vice president of product management and marketing for Experian's Information Solutions **group**. "Experian **clients** were faced with a difficult choice. Either they turned down questionable loan applications and lost revenue or went ahead and made the loans in the...

...person, it does provide a warning flag indicating further investigation should be considered," said DeSoto. Experian strongly urges its customers to follow their own OFAC **policy** and procedures for handling the company's OFAC message **indicators**.
"Given the tragic **events** of last September, we are pleased to provide this important service, which we believe will have a positive effect on the health of the American...

15/3,K/36 (Item 3 from file: 613)
DIALOG(R)File 613:PR Newswire
(c) 2004 PR Newswire Association Inc. All rts. reserv.

00734467 20020318NEM033 (USE FORMAT 7 FOR FULLTEXT)
Elron Software Launches Web Inspector v6 A Vital Component
PR Newswire
Monday, March 18, 2002 10:03 EST
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 816

TEXT:
...of an organization's overall security program. We recommend that corporations implement flexible content filtering tools, like Web Inspector v6, to enforce their Internet usage **policies** and protect against reduced productivity, legal liability and network congestion."
"Elron Software worked extensively with customers to develop a new product that would meet their...

...reliability, flexibility and ease-of-use. And, I'm thrilled to report that Web Inspector v6 exceeds clients' expectations by combining enterprise scalability with enhanced **policy**-based control and a wide array of reporting options," said Ray Boelig, CEO and president, Elron Software. "Web Inspector v6 enables companies to clearly see what is **occurring** on their networks and make **informed** business decisions to protect their assets, people and reputation."

Key features of Web Inspector v6 include:

-- Distributed Deployment

To accommodate enterprise environments, Web Inspector can be deployed at multiple locations, all managed with centralized **policy** and reporting. This unified approach eliminates the need to update multiple **servers** every time a **policy** changes.